

LOAD-TIME DEPENDENT  
RELAXATION OF RESIDUAL STRESSES  
IN AN ALUMINUM TEST  
SPECIMEN

June 1977

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OPERATED FOR THE AIR FORCE FLIGHT DYNAMICS LABORATORY  
BY ANAMET LABORATORIES, INC.

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This report documents an analysis performed for the Air Force Flight Dynamics Laboratory by the Aerospace Structures Information and Analysis Center, which is operated for the Air Force by Anamet Laboratories, Inc., under Contract No. F33615-75-C-3089. This work was designated as Problem No. 49. The AFFDL project monitor was J. R. Johnson.

Prepared by:

  
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## I. INTRODUCTION

The analysis presented in this report is concerned with the effect of residual stresses on the life-lengthening of structural members. In particular, it has been observed that in specimens subjected to compressive residual stresses, which occur as a result of plastic deformation at a stress concentration, the life of the specimen is extended (Ref. 1-4). However, in some later tests involving both load and time effects, the residual compressive stresses have been shown to shorten the specimen lifetime (Ref. 5). This apparent contradiction is no doubt due to the complex phenomenological behavior of the material which is not very well understood at the present time.

To better understand the material behavior as discussed briefly above (and referred to as load-time dependent relaxation of residual stresses) an analytical approach has been developed to complement the existing experimental approaches. The techniques involved and the results of this analysis are presented in Section II. The conclusions and recommendations are presented in Section III. The supporting documentation for this analysis is included in the Appendices.

## II. DISCUSSION OF RESULTS

The test specimen made of aluminum 7075 T651 (bare) and shown in Figure 1 has been used in this analysis. Creep test data for this specimen geometry and material have been made available to ASIAC (Ref. 6). To analyze this specimen the computer code CREEP-PLAST (Ref. 7) has been used. CREEP-PLAST is a two-dimensional finite element code for the creep and plasticity analysis of metal structures operating at high temperatures.

CREEP-PLAST considers instantaneous time-independent elastic-plastic and time-dependent creep simultaneously in an incremental procedure which requires the user to select his own discrete time and/or load increments. The method of calculation is based on the assumption that the total strain at any instant consists of elastic, plastic, and creep parts with essentially no interdependence between the plastic and creep components. The program is capable of predicting deformations, stresses, and total accumulated strains as functions of time and/or load for user specified thermal and mechanical loadings which can be varied independently.

A more detailed discussion of the capabilities of the CREEP-PLAST code can be found in Ref. 7.

For the prediction of creep strains, the user must first specify the creep strain as a function of the three parameters  $\epsilon_t$ ,  $\dot{\epsilon}_m$  and  $r$ , which are then used in the following relation:

$$\epsilon_c = \epsilon_t(1 - e^{-rt}) + \dot{\epsilon}_m t$$

where

$\epsilon_t$  = limiting primary creep strain

$r$  = exponential term in primary creep term

$\dot{\epsilon}_m$  = secondary creep strain rate

$\epsilon_c$  = creep strain

$t$  = time

Note: All dimensions are in inches.

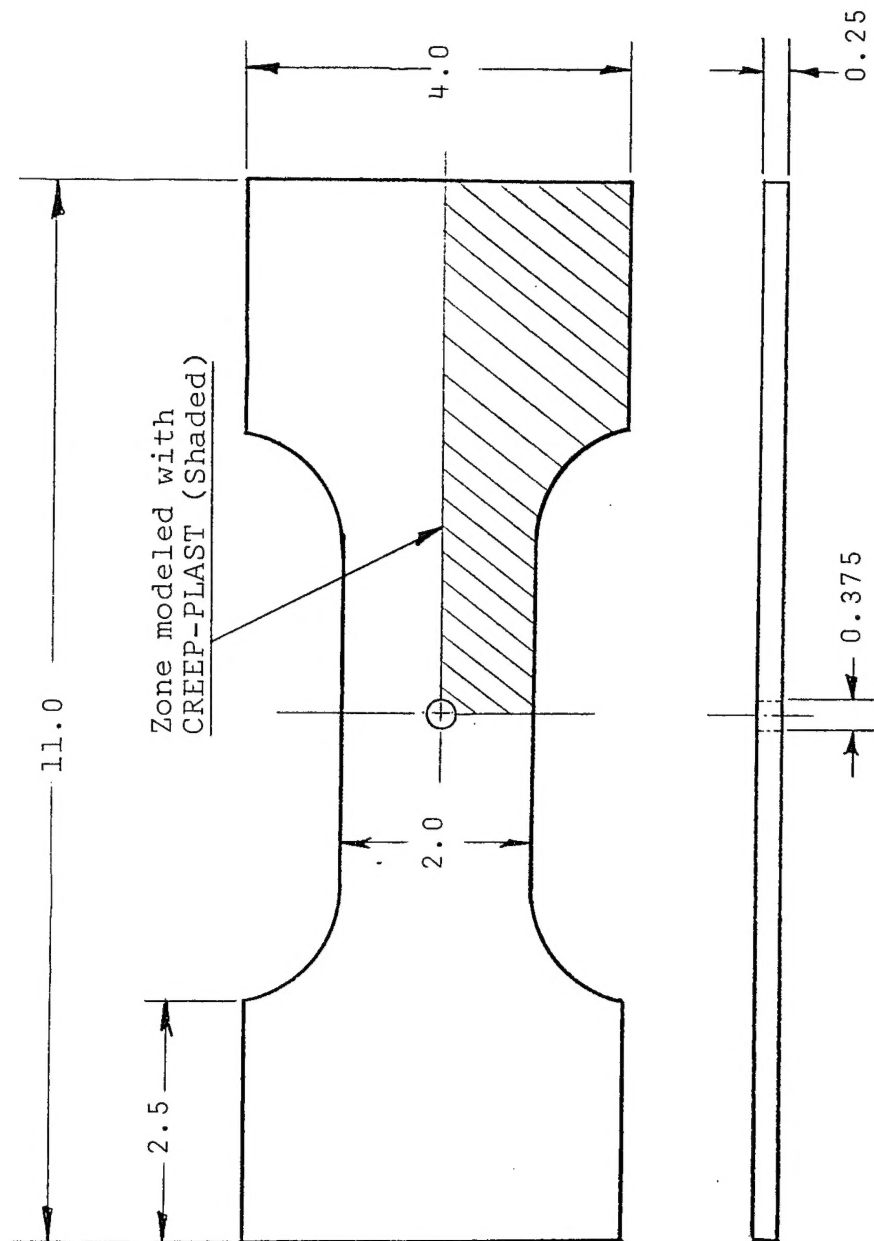


Figure 1 Aluminum 7075 T651 (Bare) Test Specimen Geometry

Once the quantities  $\epsilon_t$ ,  $\dot{\epsilon}_m$  and  $r$  have been determined for each creep test at a different stress level it is necessary to express these quantities ( $\epsilon_t$ ,  $\dot{\epsilon}_m$  and  $r$ ) as functions of the stress level. The actual creep test data reduction and procedures required to determine  $\epsilon_t$ ,  $\dot{\epsilon}_m$  and  $r$  as a function of the stress level are explained fully in Appendix A. The implementation of these relations just discussed requires that the user modify Subroutine SHIFT in CREEP-PLAST. The modifications to Subroutine SHIFT are included in Appendix B.

Also it is necessary to express the tangent modulus as a function of the stress level. To do this a representative stress-strain curve from MIL-HDBK-5 has been used. This stress-strain curve is then fitted with a polynomial of the form

$$\epsilon = a + b\sigma + c\sigma^2 + d\sigma^3$$

from which the tangent modulus ( $E_t$ ) is derived.

$$\frac{\partial \epsilon}{\partial \sigma} = \frac{1}{E_t} = b + 2c\sigma + 3d\sigma^2$$

The actual procedure is discussed more fully in Appendix B. Also in Appendix B is a listing of Subroutine MATCON which the user must modify by incorporating the tangent modulus as a function of the stress.

The finite element model (Figure 2) considers only one-quarter of the specimen geometry (See Figure 1) since symmetry can be used to reduce the problem size. The boundary conditions, coordinate axis, and loading are also indicated in Figure 2. Appendix C contains several enlarged areas of Figure 2 along with element and node numbers for the convenience of the reader.

The input data echo from CREEP-PLAST is contained in Appendix D. Appendix D, along with Appendix C provides a complete description of the finite element model.

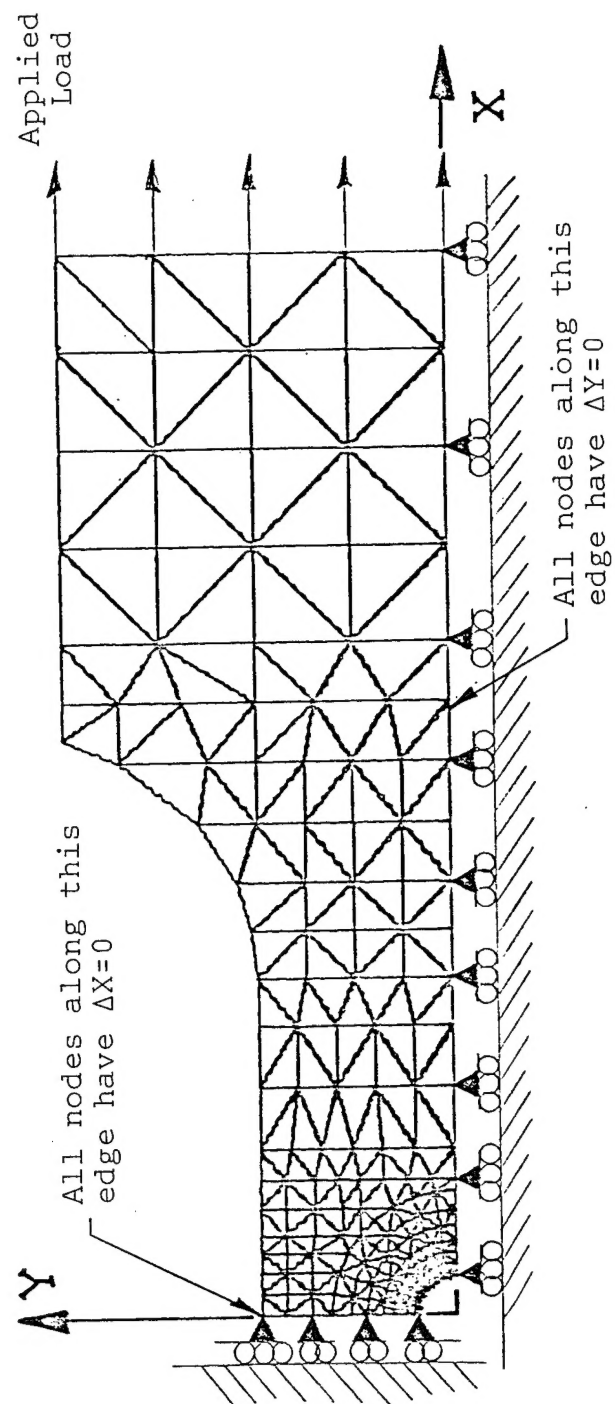


Figure 2 CREEP-PLAST Finite Element Model with Boundary Conditions

The particular load-time history used in this analysis is shown in Figure 3. The temperature was assumed to be a constant 85°F throughout the analyses.

Since the CREEP-PLAST finite element code can handle only mono-modulus (that is, either tension or compression, but not both) type properties, it was necessary to choose either tension or compression creep properties for the analysis. The material constants used in the elastic constitutive relations (i.e.,  $E$ ,  $\nu$ ) are very nearly the same for tension and compression, however, as can be seen from Figures A-1 and A-2 of Appendix A, the creep behavior in tension or compression is quite different. Since the important material behavior of load-time dependent relaxation of residual stresses occurs as a result of an applied tensile load, it was somewhat arbitrarily decided to use the creep properties corresponding to the 85°F tension creep tests. In examining the impact of this decision on the results of this analysis, it can generally be concluded that the significant effect of load-time dependent relaxation of residual stresses will still be observed, however, the magnitude of total strain relaxation may be different. In particular note that load-time dependent relaxation of residual stresses will occur in a relatively short time period and thus the secondary creep term ( $\dot{\epsilon}_{mt}$ ) will be negligible. Also note that the primary creep rate ( $r$ ) is the same for tension and compression. Thus the difference between tension and compression creep behavior for small time is due to the quantity  $\epsilon_t$ . This quantity effects the amount of residual strain relaxation, not the rate. Thus even though the choice of tension creep properties is somewhat arbitrary the basic conclusions will remain the same.

An examination of the first iteration, which is an elastic solution, shows that the stress concentration factor is approximately 2.5, which compares favorably with theoretical derivations for the stress concentration factor.

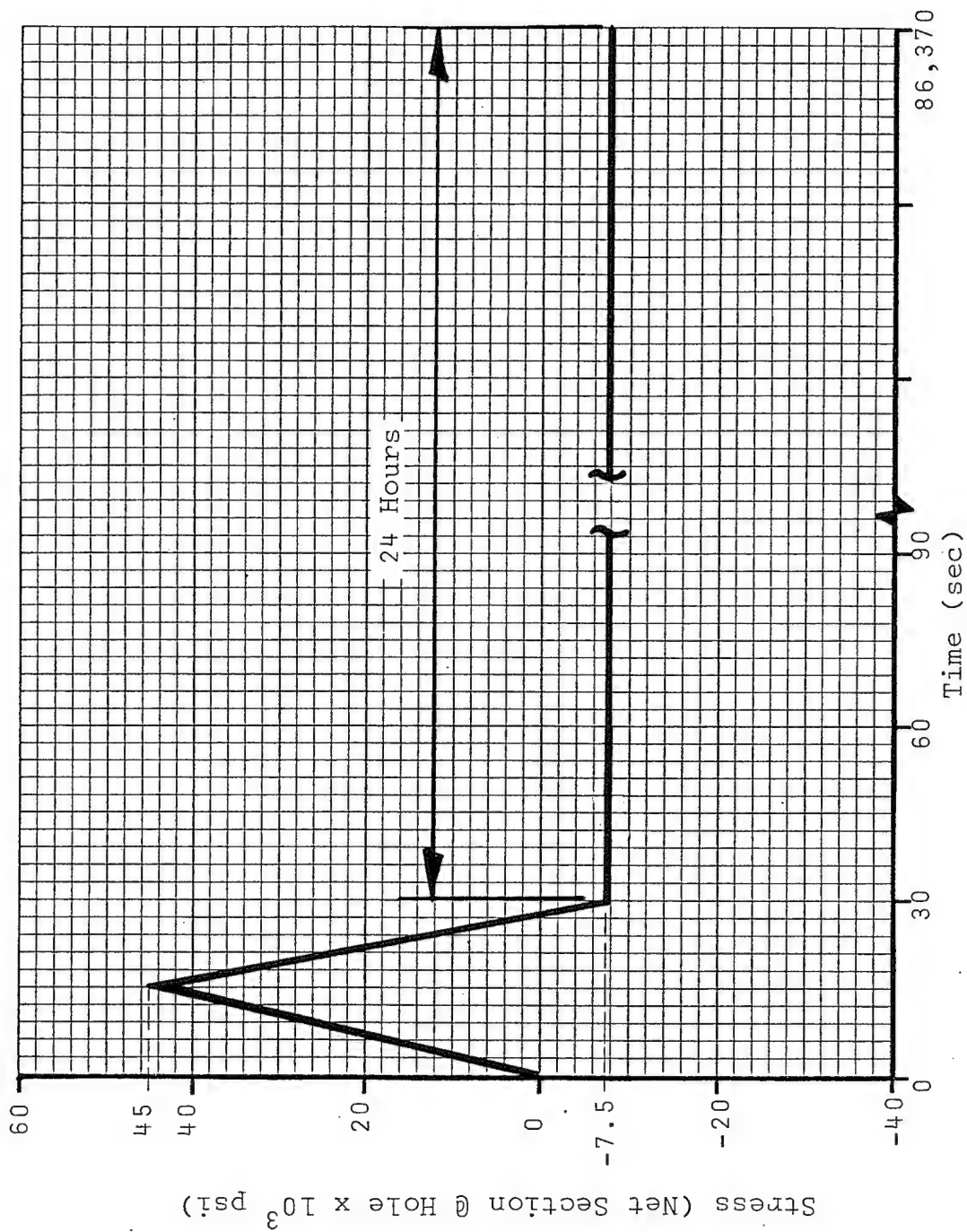


Figure 3 Applied Loading/Unloading Sequence



A plot of the total strain (TOTAL = ELASTIC + PLASTIC + CREEP) is shown in Figure 4 for  $t < 87,000$  sec. It is observed that from about  $t = 30$  sec. to  $t = 6000$  sec., that load-time dependent relaxation of residual stress occurs. In particular at  $t = 30$  sec. (start of continuously applied compressive load) the total (effective) strain is  $8310 \mu$  in/in. At  $t = 6000$  sec., the effective strain is  $2682 \mu$  in/in. From  $t = 6000$  sec., the behavior is quite clearly a result of creep strain under a compressive load with both primary and secondary creep in evidence.

The CREEP-PLAST code does not print out accumulated creep strain, however, shown in Figure 5 is a plot of the elastic strain and the non-elastic (plastic and creep) strain for the time period involved. After the initial relaxation period the accumulated strain is primarily due to creep. Appendix E contains the CREEP-PLAST code computer output for selected times.

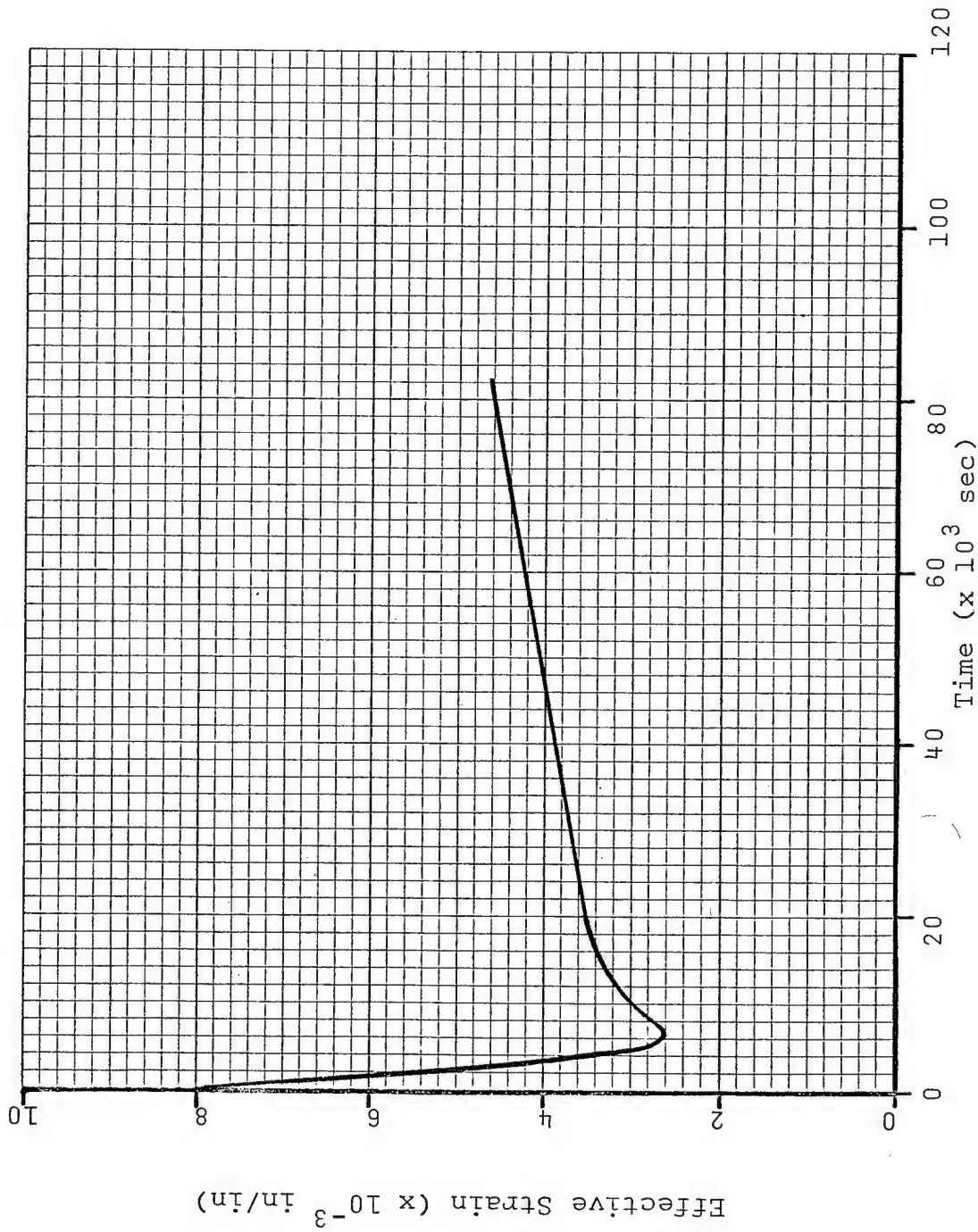
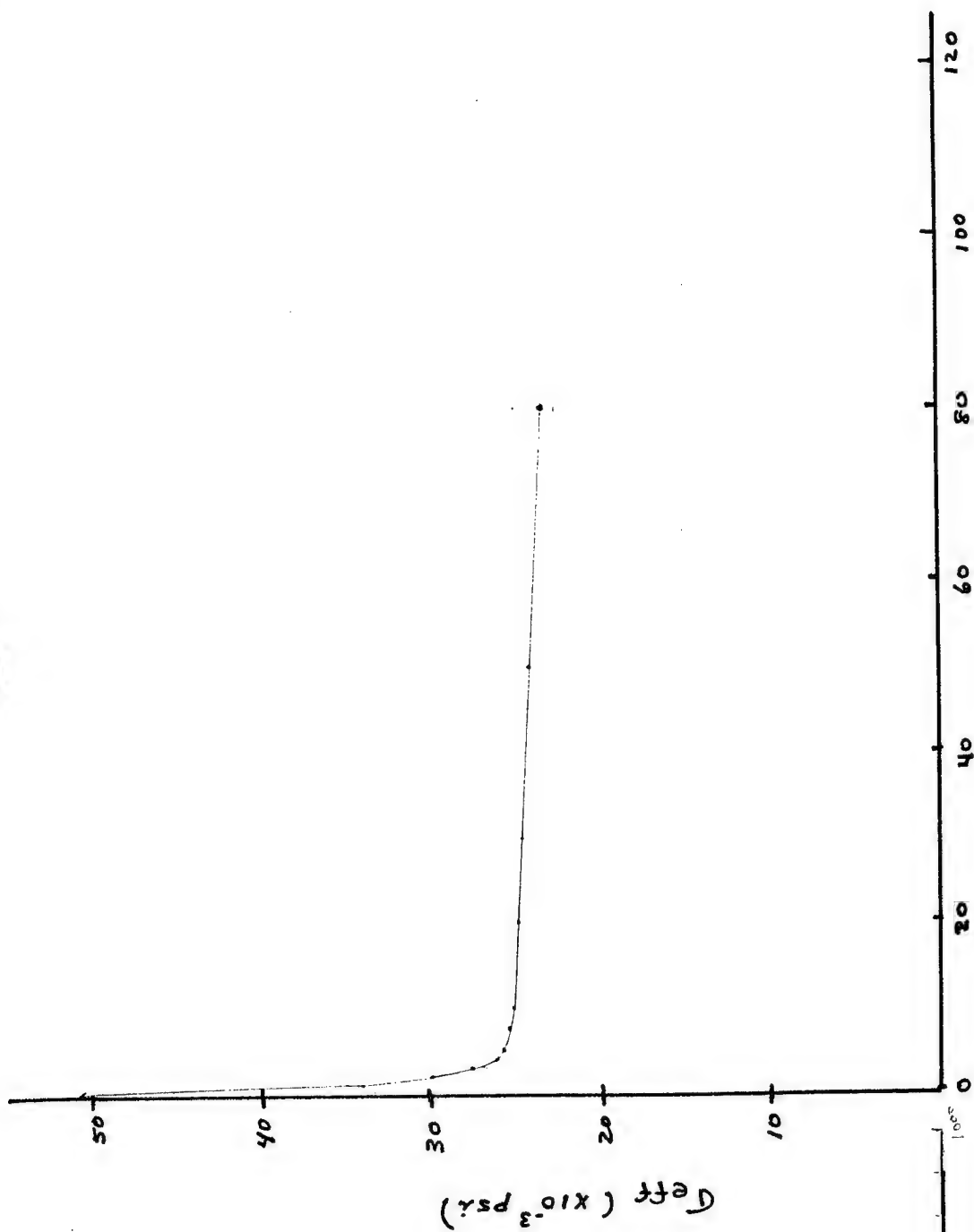


Figure 4 Total Stress at Center Hole as a Function of Time



Time ( $\times 10^3$  sec)

Total effective stress at center hole  
as a function of time

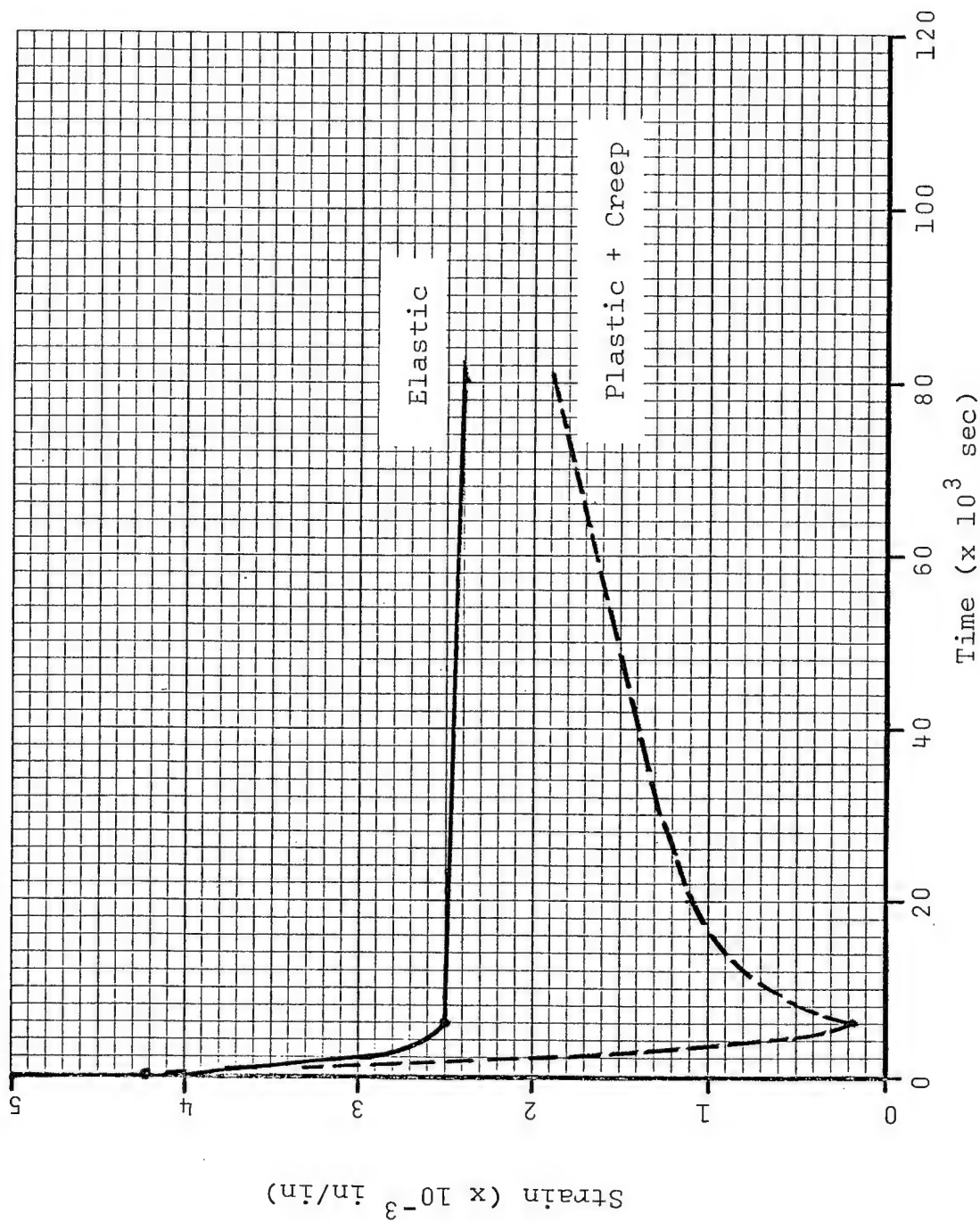


Figure 5 Elastic and Non-elastic (creep and plastic) Strain at Center Hole as a Function of Time

### III. CONCLUSIONS AND RECOMMENDATIONS

The analytical technique and results presented herein for the load-time dependent relaxation of residual stresses in an aluminum test specimen has been shown to be a valuable addition to the experimental work previously done in this area. This analysis is essentially a demonstration of the value of using an analytical approach in order to gain a better understanding of complex material behavior. However, as in all efforts of this nature, it is possible to improve the results.

Specifically, the following recommendations are made:

- (1) Determine by test within the same specimen lots the actual nonlinear stress-strain curve. Thus, creep test data will have an associated stress-strain curve. In this manner differences between handbook data (i.e., MIL-HDBK-5) and the actual specimen behavior are excluded from the analysis.
- (2) Utilize linear regression analysis to minimize any curve-fitting errors.
- (3) Consider code modifications to CREEP-PLAST in order to handle tension and compression properties. At the moment there is not a unified theory that considers the combined effects of multiaxial stresses and the effect on creep properties, so any modifications at this point would be somewhat empirical in nature.
- (4) Consider the possibility of load-time-temperature dependent relaxation of residual stresses. Such a consideration would involve a larger testing matrix to establish property trends as a function of temperature.

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APPENDIX A

REDUCTION OF CREEP TEST DATA  
FROM  
ALUMINUM 7075 T651 TEST SPECIMEN

The creep test data (Ref. 6) used to establish the creep strain relations for CREEP-PLAST are shown in Tables A-1 through A-15. This data is for aluminum (7075 T651 bare) at two different temperatures (85°F and 135°F) and for varying stress levels in tension and compression. Since the current version of CREEP-PLAST can handle only mono-modulus type properties, only the 85°F tension creep test data is reduced and utilized in this analysis.

CREEP-PLAST requires that the creep strains be expressible in the following form:

$$\epsilon_c = \epsilon_t(1 - e^{-rt}) + \dot{\epsilon}_m t$$

where

$\epsilon_c$  = creep strain

$\epsilon_t$  = limiting creep strain for primary creep

$r$  = exponential rate term

$\dot{\epsilon}_m$  = secondary creep strain rate

$t$  = time

The quantities  $\epsilon_t$ ,  $\dot{\epsilon}_m$  and  $r$  must be expressed as a function of the stress level for use in Subroutines MATCON and SHIFT (See Appendix B).

The first step in the data reduction is to plot the data of Tables A-1 through A-15. This plotting has been shown in Figures A-1 and A-2 along with the fitted curve used in CREEP-PLAST. To facilitate the determination of the quantities  $\epsilon_t$ ,  $\dot{\epsilon}_m$  and  $r$ , the secondary creep strain rate has been estimated visually from Figures A-1 and A-2. By choosing two points in the primary creep region--say  $(\epsilon_{c_1}, t_1)$  and  $(\epsilon_{c_2}, t_2)$ --then two simultaneous equations can be



used to determine  $\epsilon_t$  and  $r$ , thus,

$$\epsilon_{c_1} = \epsilon_t (1 - e^{-rt_1}) + \dot{\epsilon}_m t_1$$

$$\epsilon_{c_2} = \epsilon_t (1 - e^{-rt_2}) + \dot{\epsilon}_m t_2$$

from which, by trial and error,  $r$  can be found from

$$\frac{1 - e^{-rt_1}}{1 - e^{-rt_2}} = \frac{\epsilon_{c_1} - \dot{\epsilon}_m t_1}{\epsilon_{c_2} - \dot{\epsilon}_m t_2}$$

Knowing  $r$ , then  $\epsilon_t$  can be found quite easily.

Although other methods for determining  $\epsilon_t$ ,  $\dot{\epsilon}_m$  and  $r$  can be used (i.e., regression analysis to minimize error) this approach is sufficiently accurate for the purposes of this analysis.

The quantities  $\epsilon_t$ ,  $\dot{\epsilon}_m$  and  $r$ , determined by the above approach, are shown in Table A-16.

Next, it is necessary to express the quantities  $\epsilon_t$ ,  $\dot{\epsilon}_m$  and  $r$  as functions of stress. This was accomplished by assuming that either a straight line or a functional of the form

$$\epsilon_t, \dot{\epsilon}_m, r = a + b\sigma + c\sigma^2 + d\sigma^3$$

can be used to give an adequate fit to the data. The curves, along with the data points from Table A-16 are shown in Figure A-3. Since the trend for  $r$  is not well defined, a value of  $r = 2.0 \times 10^{-4}/\text{sec}$  was used. The final equations are listed below (and are also included in Appendix B) for use in subroutines MATCON and SHIFT of the CREEP-PLAST code:

$$\sigma \leq 43,000 \text{ psi.} \quad \dot{\epsilon}_m = (6.325 \times 10^{-9})\sigma$$

$$43,000 < \sigma \leq 66,000 \text{ psi.} \quad \dot{\epsilon}_m = ((6.025 \times 10^{-9}) \\ + (6.569 \times 10^{-13})(\sigma - 43,000) + (2.668 \times 10^{-20}) \\ \times (\sigma - 43,000)^2)(\sigma - 43,000) + 2.591 \times 10^{-4}$$

$$66,000 < \sigma \leq 71,000 \text{ psi.} \quad \dot{\epsilon}_m = ((3.628 \times 10^{-8}) \\ + (2.293 \times 10^{-11})(\sigma - 66,000))(\sigma - 66,000) + 7.455 \times 10^{-4}$$

$$\sigma > 71,000 \quad \dot{\epsilon}_m = (1.8 \times 10^{-6})(\sigma - 71,000) + 1.5 \times 10^{-3}$$

$$\sigma \leq 66,000 \quad \epsilon_t = (2.045 \times 10^{-3})\sigma$$

$$66,000 < \sigma \leq 72,000 \quad \epsilon_t = ((2.045 \times 10^{-3}) + (3.875 \times 10^{-7}) \\ \times (\sigma - 66,000) + (2.041 \times 10^{-9})(\sigma - 66,000)^2)(\sigma - 66,000) + 135$$

$$\sigma > 72,000 \quad \epsilon_t = (2.271 \times 10^{-1})(\sigma - 72,000) + 602.1$$

$$\text{for all } \sigma \geq 0 \quad r = 2.0 \times 10^{-4} / \text{sec}$$

TABLE A-1 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 85°F. STRESS = 30,000 psi. Compressive

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
10	4	54000	60
30	8	57600	68
60	8	61200	72
120	12	64800	76
180	12	68400	80
240	12	72000	80
300	12	75600	80
360	16	79200	88
420	16	82800	88
480	16	86400	88
540	16	90000	92
600	16	93600	92
900	16	97200	96
1200	16	100800	96
1500	20	104400	96
1800	24	108000	100
2400	24	111600	104
3000	24	115200	104
3600	28	118800	104
5400	28	122400	104
7200	28	126000	104
10800	32	129600	108
14400	44	133200	108
18000	48	136800	108
21600	48	140400	108
25200	52	144000	112
28800	52	147600	116
32400	52	151200	124
36000	52	154800	128
39600	56	158400	128
43200	56	165600	132
46800	56	169200	132
50400	56	172800	132

TABLE A-2 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 85°F. STRESS = 43,000 psi. Compressive

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
10	12	54000	192
30	20	57600	196
60	24	61200	200
120	28	64800	208
180	32	68400	212
240	32	72000	220
300	36	75600	224
360	36	79200	228
420	36	82800	232
480	36	86400	240
540	40	90000	244
600	36	93600	248
900	36	97200	252
1200	40	100800	252
1500	44	104400	256
1800	52	108000	260
2400	56	111600	264
3000	60	115200	268
3600	64	118800	268
5400	72	122400	264
7200	84	126000	268
10800	108	129600	272
14400	124	133200	272
18000	132	136800	276
21600	144	140400	276
25200	152	144000	280
28800	156	147600	280
32400	164	151200	280
36000	172	154800	288
39600	176	158400	292
43200	180	165600	292
46800	184	169200	296
50400	188	172800	300

TABLE A-3 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 85°F. STRESS = 56,000 psi. Compressive

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
10	32	54000	224
30	48	57600	228
60	56	61200	232
120	64	64800	236
180	72	68400	240
240	68	72000	244
300	68	75600	248
360	68	79200	252
420	72	82800	260
480	72	86400	264
540	76	90000	272
600	76	93600	276
900	80	97200	276
1200	84	100800	280
1500	84	104400	288
1800	88	108000	292
2400	92	111600	292
3000	96	115200	296
3600	96	118800	300
5400	104	122400	300
7200	112	126000	304
10800	124	129600	308
14400	140	133200	312
18000	148	136800	312
21600	156	140400	312
25200	172	144000	312
28800	180	147600	312
32400	188	151200	320
36000	200	154800	324
39600	204	158400	324
43200	208	165600	328
46800	212	169200	332
50400	220	172800	336

TABLE A-4 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 85°F. STRESS = 66,000 psi. Compressive

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
10	32	54000	512
30	52	57600	520
60	68	61200	528
120	88	64800	532
180	96	68400	536
240	104	72000	548
300	112	75600	556
360	124	79200	564
420	132	82800	568
480	140	86400	580
540	144	90000	588
600	148	93600	588
900	168	97200	600
1200	184	100800	608
1500	196	104400	624
1800	208	108000	632
2400	224	111600	640
3000	236	115200	644
3600	248	118800	652
5400	276	122400	652
7200	296	126000	660
10800	332	129600	664
14400	360	133200	668
18000	376	136800	672
21600	400	140400	676
25200	412	144000	680
28800	428	147600	680
32400	444	151200	692
36000	460	154800	696
39600	472	158400	700
43200	480	165600	712
46800	488	169200	716
50400	504	172800	716

TABLE A-5 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 85°F. STRESS = 43,000 psi. Tension

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
60	9	10800	52
120	15	14400	57
180	16	18000	62
240	18	21600	63
300	18	25200	68
360	19	81000	110
420	19	82440	123
480	20	82800	124
540	21	86400	123
600	20	90000	121
900	21	93600	124
1200	21	97200	127
1500	20	100800	130
1800	21	104400	130
2100	23	108000	141
2400	24	111600	145
2700	26	113400	144
3000	28	163800	142
3300	29	165600	138
3600	31	169200	132
7200	39		

TABLE A-6 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 85°F. STRESS = 56,000 psi. Tension

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
60	32	25200	110
120	38	28800	114
180	40	36000	120
240	43	39600	122
300	44	43200	124
360	46	58500	131
420	48	61200	132
480	50	64800	130
540	51	68400	129
600	52	72000	129
1200	57	75600	129
1800	63	79200	128
2400	65	82800	126
3000	68	86400	125
3600	69	93600	125
7200	78	100800	127
10800	87	108000	130
14400	93	115200	135
18000	98	118800	139
21600	103	175500	142



TABLE A-7 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 85°F. STRESS = 66,000 psi. Tension

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
60	42	39600	173
600	70	43200	180
900	89	46800	185
1200	68	50400	196
1800	74	54000	202
2400	78	72000	215
3000	83	75600	217
3600	90	79200	218
4200	98	82800	216
5400	110	86400	218
7200	106	93600	219
9000	119	100800	224
10800	123	108000	227
14400	133	115200	231
18000	136	122400	236
21600	141	129600	242
25200	148	162000	256
28800	153	165600	255
32400	160	169200	254
36000	166	172800	254

TABLE A-8 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 85°F. STRESS = 72,000 psi. Tension

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
60	121	61200	826
120	151	64800	838
180	173	68400	854
240	189	72000	864
300	198	75600	872
360	209	82800	886
420	217	86400	891
480	224	90000	900
540	230	93600	907
600	237	97200	916
900	260	104400	927
1200	282	109800	943
1500	297	113400	949
1800	312	115200	966
2400	337	118800	982
3000	360	122400	998
3600	377	126000	1010
5400	418	129600	1027
7200	451	133200	1048
12180	516	136800	1066
14400	540	140400	1077
16200	560	144900	1092
19800	574	147600	1098
21600	588	151200	1112
25200	603	154800	1120
28800	627	158400	1131
46800	756	162000	1140
50400	773	169200	1140
54000	790	172800	1145

TABLE A-9 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 135°F. STRESS = 43,000 psi. Compressive

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
10	20	54000	372
30	28	57600	376
60	32	61200	388
120	40	64800	396
180	44	68400	404
240	48	72000	416
300	48	75600	420
360	52	79200	440
420	56	82800	436
480	60	86400	444
540	60	90000	452
600	64	93600	460
900	68	97200	468
1200	76	100800	472
1500	76	104400	480
1800	84	108000	488
2400	92	111600	496
3000	100	115200	500
3600	108	118800	504
5400	132	122400	512
7200	148	126000	520
10800	176	129600	524
14400	204	133200	532
18000	228	136800	540
21600	248	140400	552
25200	264	144000	556
28800	280	147600	560
32400	296	151200	568
36000	308	154800	572
39600	324	158400	580
43200	336	165600	596
46800	352	169200	604
50400	356	172800	604

TABLE A-10 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 135°F. STRESS = 56,000 psi. Compressive

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
10	32	32400	416
30	48	36000	432
60	64	39600	444
120	84	43200	460
180	104	46800	472
240	108	50400	484
300	112	54000	496
360	116	57600	508
420	120	61200	520
480	120	64800	528
540	116	68400	536
600	116	72000	552
900	120	75600	560
1200	128	79200	568
1500	144	82800	576
1800	156	86400	584
2400	184	90000	592
3000	192	93600	600
3600	208	97200	608
5400	236	100800	612
7200	260	104400	620
10800	280	108000	628
14400	308	111600	636
18000	332	115200	644
21600	360	118800	652
25200	380	122400	656
28800	400	126000	664

TABLE A-11 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
 T = 135°F. STRESS = 66,000 psi. Compressive

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
10	40	1500	236
30	56	1800	252
60	64	2400	284
120	84	3000	316
180	104	3600	340
240	104	5400	404
300	104	7200	456
360	128	10800	524
440	136	14400	576
480	144	18000	596
540	148	21600	624
600	156	25200	632
900	184	28800	644
1200	224	32400	652

TABLE A-12 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 135°F STRESS = 30,000 psi. Tension

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
60	2	5400	45
120	6	7200	50
180	10	10500	55
240	13	12600	59
300	14	14400	62
360	15	15000	64
420	17	21600	68
480	18	25200	71
540	19	27000	73
600	20	82800	104
900	24	86400	101
1200	27	90000	100
1500	28	93600	98
1800	30	97200	93
2100	31	100800	93
2400	33	104400	85
2700	34	108000	81
3000	35	111600	83
3300	36	115200	81
3600	38	169200	106
		172800	100

TABLE A-13 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 135°F STRESS = 43,000 psi. Tension

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
60	12	5400	79
120	21	6180	83
180	26	6600	83
240	29	7800	86
300	31	10800	93
360	34	14400	97
420	35	18000	101
480	37	21600	105
540	39	25200	108
600	39	29400	111
900	43	84600	161
1260	50	86400	160
1500	53	93600	160
1800	57	100800	162
2400	62	108000	170
3000	66	115200	172
3600	71	171000	188
4200	75	172800	187
4800	77		

TABLE A-14 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 135°F      STRESS = 56,000 psi.    Tension

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
60	23	3000	107
120	34	3600	113
180	40	5400	129
240	48	7200	135
300	54	10800	143
360	53	14400	159
420	53	18000	169
480	55	21600	172
540	56	77400	236
600	59	79200	236
900	70	86400	238
1200	78	93600	236
1500	84	100800	241
1800	90	108000	243
2400	101	172800	279



TABLE A-15 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)  
T = 135°F STRESS = 66,000 psi. Tension

Time (sec)	Strain ( $\mu$ in/in)	Time (sec)	Strain ( $\mu$ in/in)
60	37	39600	508
120	68	54900	569
180	75	57600	574
240	89	61200	583
300	99	64800	579
360	106	68400	605
420	114	72000	614
480	119	75600	621
540	124	79200	630
600	129	82800	638
900	153	86400	660
1200	167	90000	669
1800	193	97200	683
2400	213	104400	703
3000	231	108000	715
3600	243	115200	729
5400	277	122400	746
7200	301	151200	798
10800	341	154800	809
14400	374	158400	805
25200	440	162000	809
28800	464	165600	814
32400	477	169200	817
36000	493	172800	822

TABLE A-16 QUANTITIES  $\dot{\epsilon}_m$ ,  $\epsilon_t$  and  $r$  FOR ALUMINUM  
7075 T651 (BARE) at 85°F

Stress (ksi.)	$\dot{\epsilon}_m$	$\epsilon_t$	$r$
30 Tension	(no data)	(no data)	(no data)
30 Compression	$6.267 \times 10^{-4}$	36.390	$2.08 \times 10^{-4}$
43 Tension	$2.591 \times 10^{-4}$	75.599	$2.00 \times 10^{-4}$
43 Compression	$1.214 \times 10^{-3}$	127.912	$1.32 \times 10^{-4}$
56 Tension	$4.100 \times 10^{-3}$	111.057	$1.72 \times 10^{-4}$
56 Compression	$1.539 \times 10^{-3}$	138.221	$2.18 \times 10^{-4}$
66 Tension	$7.455 \times 10^{-4}$	147.821	$2.35 \times 10^{-4}$
66 Compression	$1.936 \times 10^{-3}$	396.232	$2.05 \times 10^{-4}$
72 Tension	$3.300 \times 10^{-3}$	601.845	$2.03 \times 10^{-4}$
72 Compression	(no data)	(no data)	(no data)

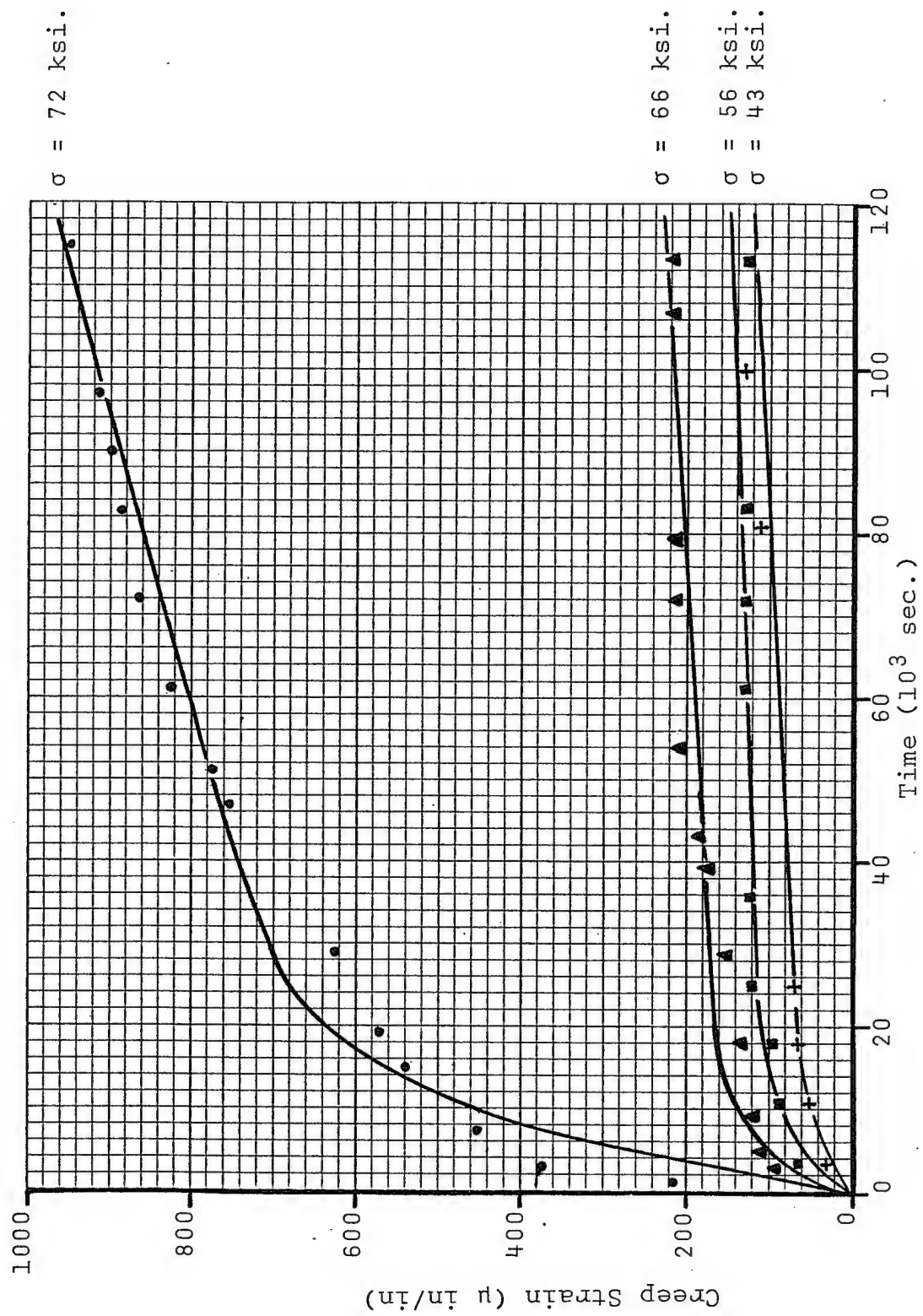


Figure A-1 Creep Strain Data at 85° Tensile Loading

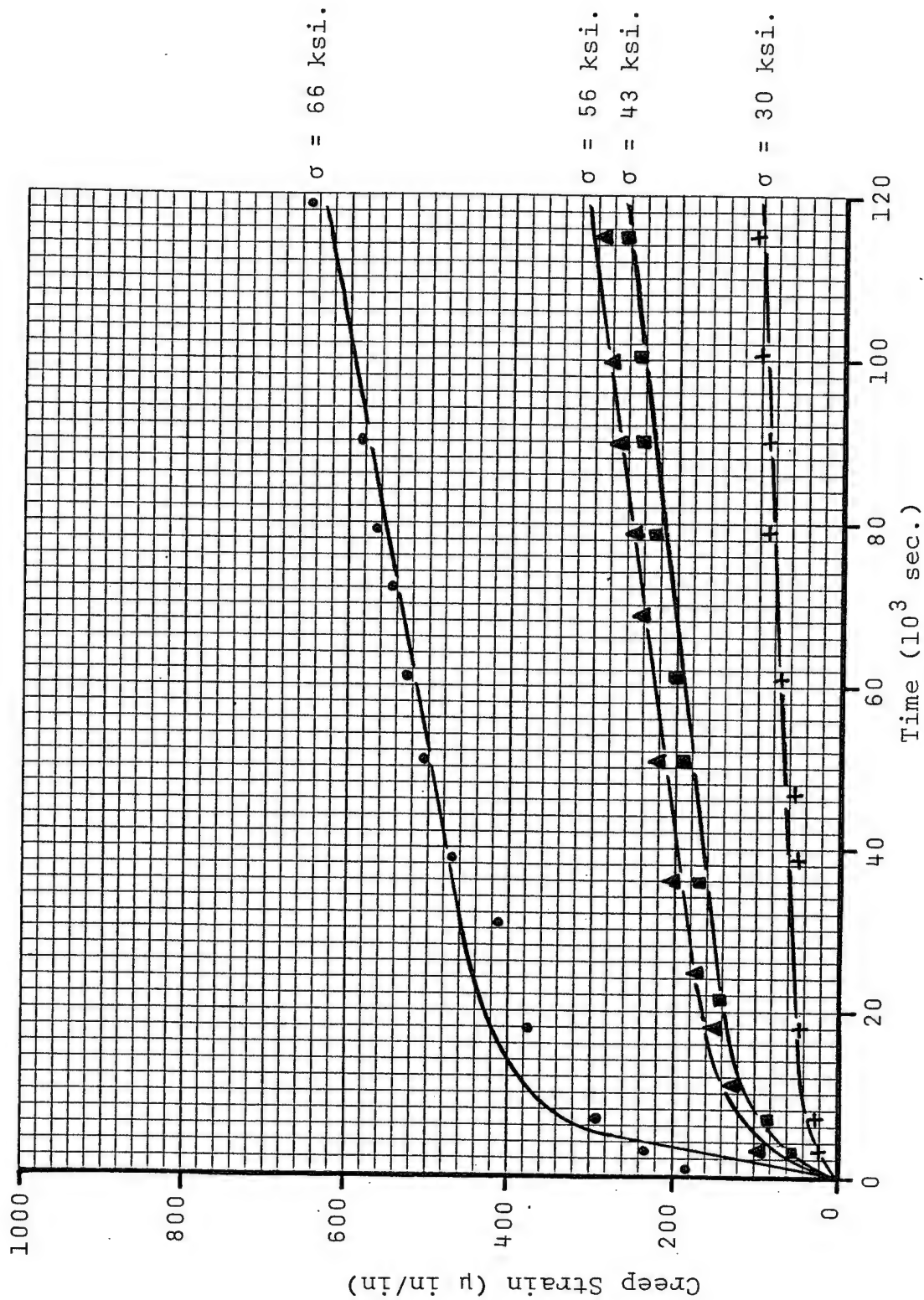


Figure A-2 Creep Strain Data at 85°F Compression Loading

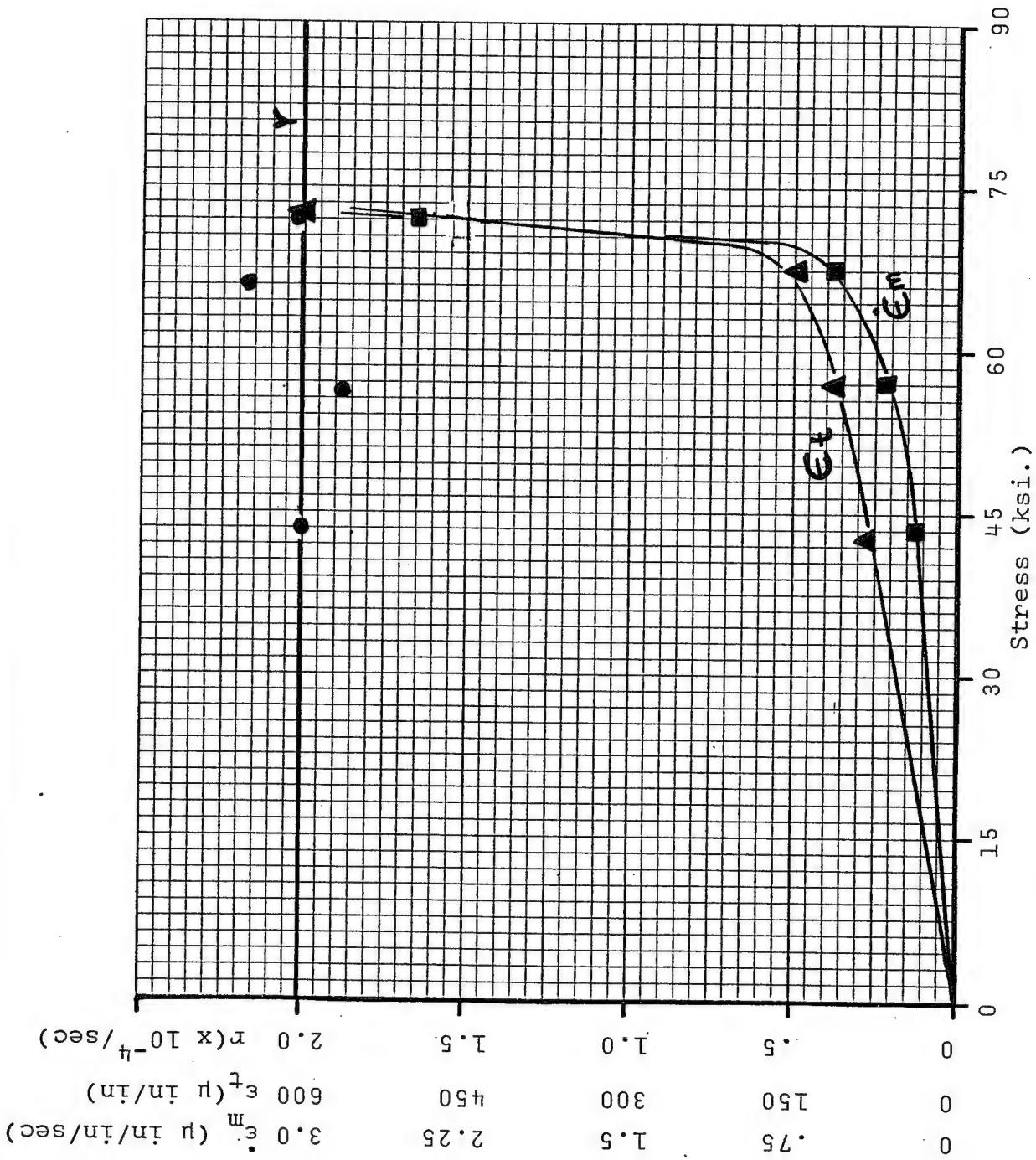


Figure A-3 Quantities  $\epsilon_t$ ,  $\dot{\epsilon}_m$  and  $r$  for Use in  
CREEP-PLAST Code

APPENDIX B

LISTING OF SUBROUTINES  
MATCON AND SHIFT

In using CREEP-PLAST, the user must modify two sub-routines to reflect the material being used in the analysis. Subroutine SHIFT contains the description of the material creep characteristics according to the relation

$$\epsilon_c = \epsilon_t(1 - e^{-rt}) + \dot{\epsilon}_m t$$

as discussed in Appendix A. The listing of subroutine SHIFT shown in Figure B-1 reflects the equations as presented in Appendix A.

Subroutine MATCON (Figure B-2) contains a description of the stress-strain curve including the tangent modulus as a function of the effective stress. The stress-strain curve used is taken from MIL-HDBK-5 and reproduced in Figure B-3.

For this analysis the stress-strain curve corresponding to LT tension has been used. Using a quadratic function in terms of the effective stress yields the following:

$$\begin{aligned} \text{for } \sigma \leq 61,300 \text{ psi } \epsilon &= (9.788 \times 10^{-8})\sigma \\ \text{for } 61,300 < \sigma \leq 76,000 \text{ psi} \\ \epsilon &= (9.788 \times 10^{-8})\sigma + (5.873 \times 10^{-12})\sigma^2 \\ &\quad + (3.539 \times 10^{-16})\sigma^3 \\ \text{for } \sigma > 76,000 \text{ psi } \epsilon &= (5.0 \times 10^{-7})\sigma \end{aligned}$$

For the tangent modulus

$$\begin{aligned} \text{for } \sigma \leq 61,300 \text{ } E_t &= 10.22 \times 10^6 \text{ psi} \\ \text{for } 61,300 < \sigma \leq 76,000 \text{ psi} \\ E_t &= 1/(9.788 \times 10^{-8}) + (1.175 \times 10^{-11})\sigma \\ &\quad + (1.062 \times 10^{-15})\sigma^2 \end{aligned}$$

and for  $\sigma > 76,000$  psi.

$$E_t = 2.0 \times 10^6 \text{ psi}$$

These equations have been incorporated into subroutine MATCON.

```

C
C
C*** SUBROUTINE SHIFT (I, SIGMA, ET, R, EM, A, D)
C
C      CURVE FOR 7075-T651 ALUMINUM
C
      IF( SIGMA .LE. 43000.) EM=(6.025E-09)*SIGMA
      SIGMAR = SIGMA-43000.
      EC = 2.591E-04
      IF( SIGMA .LE. 66000. .AND. SIGMA .GT. 43000.) EM=((6.025E-09)+
* (6.569E-13)*SIGMAR + (2.668E-20)*SIGMAR*SIGMAR)*SIGMAR + EC
      SIGMAR = SIGMA-66000.
      EC = 7.455E-04
      IF( SIGMA .GT. 66000. .AND. SIGMA .LE. 71000.) EM=((3.628E-08)+
* (2.293E-11)*SIGMAR)*SIGMAR + EC
      SIGMAR = SIGMA-71000.
      EC = 1.5E-03
      IF( SIGMA .GT. 71000.) EM=(1.8E-06)*SIGMAR + EC
      IF( SIGMA .LE. 66000.) ET = (2.045E-03)*SIGMA
      SIGMAR = SIGMA-66000.
      EC = 135.
      IF( SIGMA .GT. 66000. .AND. SIGMA .LE. 72000.) ET=((2.045E-03)+
* (3.875E-07)*SIGMAR + (2.041E-09)*SIGMAR*SIGMAR)*SIGMAR + EC
      SIGMAR = SIGMA-72000.
      EC = 602.1
      IF( SIGMA .GT. 72000.) ET=(2.271E-01)*SIGMAR + EC
      R = 2.0E-04
      ET = ET/10000.
      EM = EM/10000.
      A = ET/SIGMA
      D = EM/SIGMA
      RETURN
      END

```

Figure B-1 Listing of Subroutine SHIFT modified for Aluminum  
7075 T651 material properties



```

SUBROUTINE MATCON (NPAR,T,SIGMA,EI,CON,YIELD,DSIG)
COMMON/CLCR/YRATIO
C
C *** THIS SUBROUTINE CONTAINS ALL MATERIAL CONSTANTS OF THE UNIAXIAL
C *** STRESS-STRAIN RELATIONS. T IS THE TEMPERATURE IN DEGREES
C *** FAHRENHEIT, SIGMA IS THE ELEMENT EFFECTIVE STRESS IN PSI,
C *** AND CON IS THE RATIO OF THE TANGENT MODULUS TO THE ELASTIC
C *** MODULUS. CON MUST BE A FUNCTION OF STRESS(SIGMA) AND NOT OF
C *** STRAIN, SINCE THE CALCULATED STRAIN MAY INCLUDE CREEP STRAIN.
C *** IF A BI-LINEAR STRESS-STRAIN CURVE IS EMPLOYED, CON IS NOT
C *** CALCULATED IN MATCON.
C
C *** IF EPSI1=0.0, ESTEEL=0.0, AND EPSI2=0.0, THEN MATCON WILL RETURN
C *** A NON-LINEAR STRESS-STRAIN CURVE FOR AVERAGE PROPERTIES OF 304
C *** STAINLESS STEEL. THE NON-LINEAR PART OF THIS CURVE IS GIVEN BY
C *** TOTAL STRAIN=(A*SIGMA+BT)**2 WHERE A=A1 OR A2 AND BT=B1 OR B2
C *** DEPENDING UPON THE RANGE OF THE STRESS. THIS CURVE CAN BE EMPLOYED
C *** FOR NON-ISOTHERMAL PROBLEMS.
C
C *** IF EPSI1 NOT 0.0, ESTEEL NOT 0.0, AND EPSI2=0.0 MATCON RETURNS CON
C *** FOR THE USERS OWN FORMULA. INCLUDED, AS AN EXAMPLE, IS THE STRESS-
C *** STRAIN RELATION FOR HEAT 8043813 OF TYPE 304 STAINLESS STEEL AT
C *** TEMPERATURE 1200 DEGREES F.
      MPAR = NPAR + 1
      GO TO (1,2,3), MPAR
C
C *** CURVE FOR AVERAGE PROPERTIES OF ANNEALED 304 STAINLESS STEEL
C
C *** THE FOLLOWING CONTROL WILL PERMIT A MAX TEMP OF 1000 DEG F TO BE
C *** CONSIDERED IN CALCULATION OF MATERIAL PROPERTIES.
C *** T=AMIN1(T,1000.0)
C

```

Figure B-2 Listing of Subroutine MATCON modified for Aluminum  
7075 T651 material properties

```

1 CONTINUE
C ***** REGION 1 *****
C *** THIS REGION OF MATCON IS EMPLOYED TO DEFINE TEMPERATURE VARYING
C *** EPSI1 AND/OR ESTEEL. REGION 1 IS ENTERED REGARDLESS OF THE VALUES
C *** OF EPSI1,ESTEEL, AND EPSI2 ON CARD(3).
C
      RETURN
2 CONTINUE
C ***** REGION 2 *****
C *** THIS REGION IS ENTERED ONLY IF EPSI1=0.0, ESTEEL=0.0, AND EPSI2=
C *** 0.0 ON CARD(3).
C
      WRITE(6,800)
800 FORMAT(//,5X,33H NOT SUPPOSE TO ENTER THIS REGION)
      RETURN
3 CONTINUE
C ***** REGION 3 *****
C *** THIS REGION IS ENTERED ONLY IF EPSI1 NOT 0.0, ESTEEL NOT 0.0,
C *** AND EPSI2=0.0. NORMALLY, THE USERS FORMULA FOR CALCULATION OF
C *** THE RATIO OF TANGENT MODULUS TO ELASTIC MODULUS FOR NONLINEAR
C *** CURVES IS INSERTED HERE. HOWEVER, IF TEMPERATURE VARYING EPSI1
C *** AND ESTEEL ARE SUPPLIED BY THE USER THEN THE USERS FORMULA FOR

```

Figure B-2 (continued)

C\*\*\* CON MUST BE INSERTED IN REGION 2.  
C

SG=SIGMA\*1.E-3  
DSG=DSIG\*1.E-3  
S1=SG

S2=SG+DSG  
SG=0.5\*(S1+S2)  
SIGMA=SG\*1.E3

C\*\*\* CURVE FOR 7075-T651 ALUMINUM  
C

IF( SIGMA .LE. 61300.) CON = 1.  
SIGMAR = SIGMA-61300.

IF( SIGMA .LE. 76000. .AND. SIGMA .GT. 61300.)

1 CON = 1./((9.788E-08 + (1.175E-11)\*SIGMAR+ (1.0625E-15)\*SIGMAR  
2 \*SIGMAR)\*EI

IF( SIGMA .GT. 76000.) CON = .1957  
RETURN  
END

Figure B-2 (continued)

As a result of a coding error in subroutine SHIFT (not shown) a slightly different equation for the tangent modulus as a function of stress was used. In particular

$$\sigma < 76,000 \text{ psi.} \quad E_t = 10.22 \times 10^6 \text{ psi.}$$

$$\sigma \geq 76,000 \text{ psi.} \quad E_t = 2.00 \times 10^6 \text{ psi.}$$

This is a bilinear curve slightly "higher" than the LT-tension curve of Figure B-3. The difference between this bilinear curve used and the LT-tension curve is negligible (< 5%) as far as the effective stress-effective strain coordinates at the start of continuous compressive load is concerned. The formulation of the LT-tension curve is retained in this report in order to show clearly the technique used to represent the tangent modulus as a function of the effective stress.

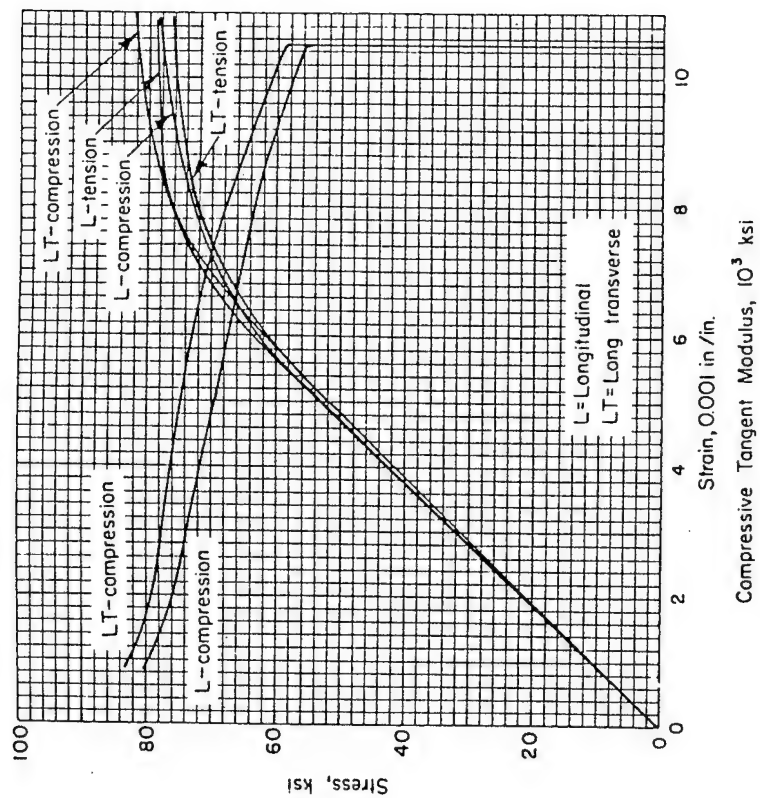


Figure B-3 Stress-strain curve for Aluminum 7075 T651 used in analysis (LT-Tension used) and taken from MIL-HDBK-5

APPENDIX C

FINITE ELEMENT MODEL OF ALUMINUM  
CREEP TEST SPECIMEN

The finite element grid used in the CREEP-PLAST analysis is shown in Figure C-1 and C-2. This model is one-quarter of the aluminum specimen since symmetry has been used to decrease the model size. Boundary conditions are discussed in the text. Detailed input data corresponding to the grid is included in Appendix D. Included in this section is an additional listing of the nodal point coordinates for the convenience of the user.

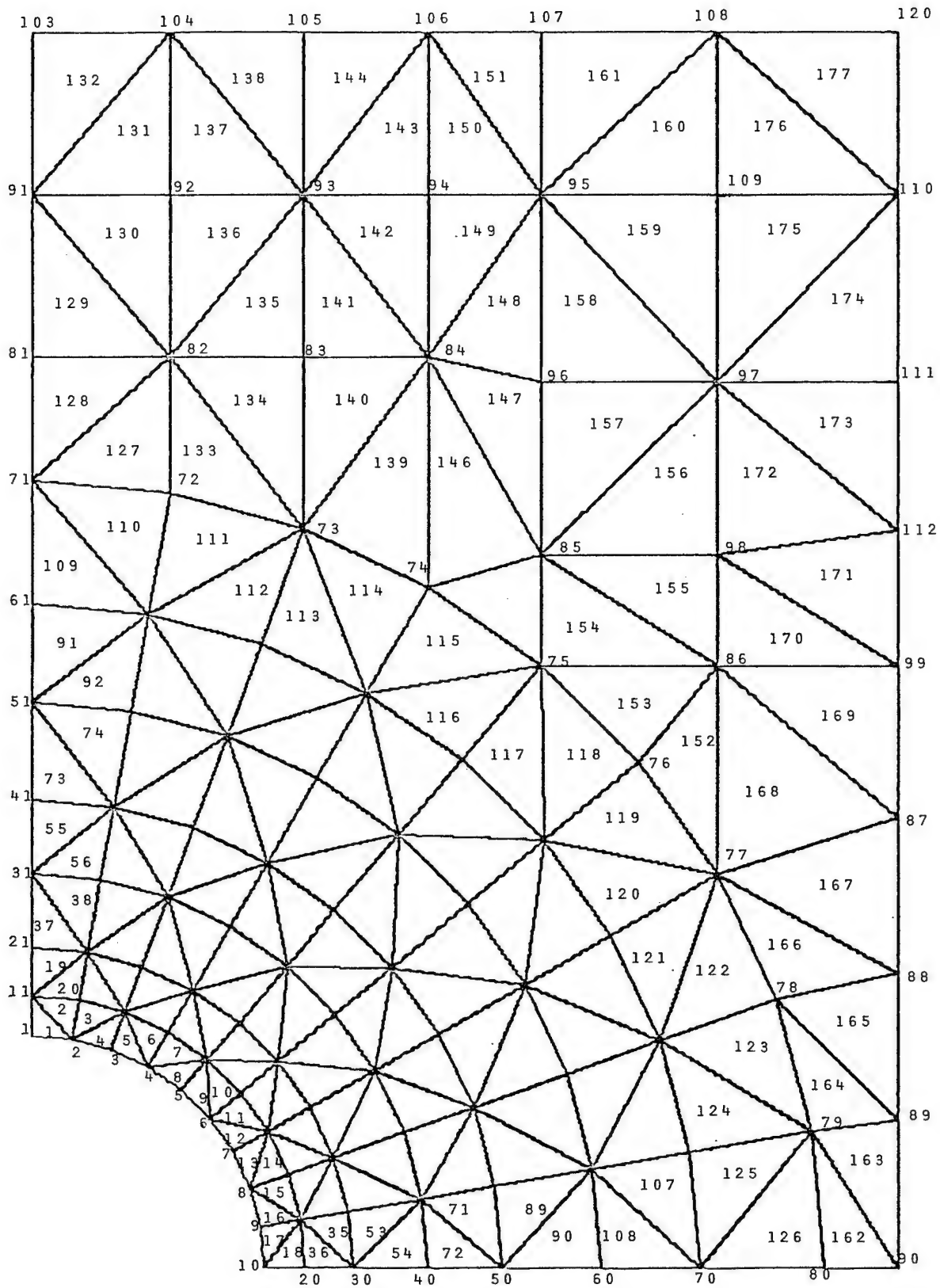


Figure C-1 Finite Element Model Used in CREEP-PLAST  
(near center hole)



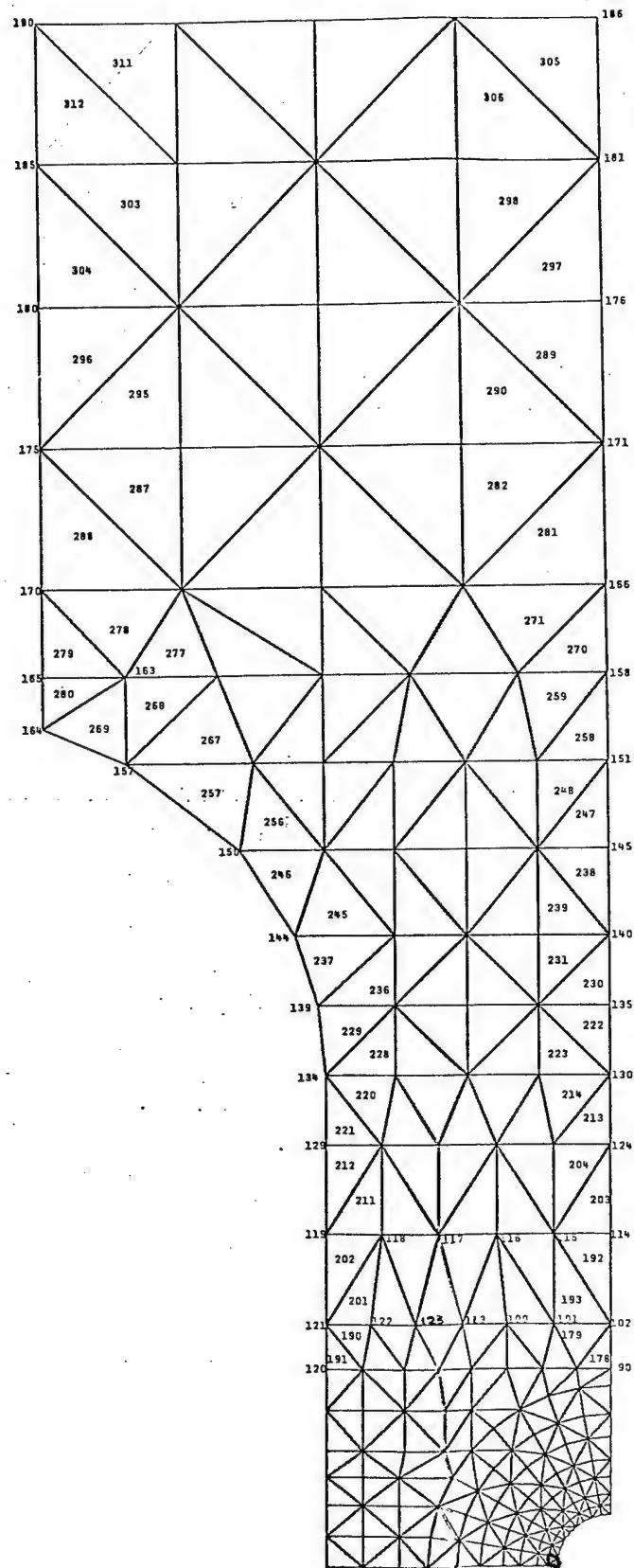


Figure C-2 Finite Element Model Used in CREEP-PLAST

1	0.00000.1875
2	0.03260.1847
3	0.06410.1762
4	0.09380.1624
5	0.12050.1436
6	0.14360.1205
7	0.16240.0938
8	0.17620.0641
9	0.18470.0326
10	0.18750.0000
11	0.00000.2202
12	0.03820.2169
13	0.07530.2069
14	0.11010.1907
15	0.14150.1687
16	0.16870.1415
17	0.19070.1101
18	0.20690.0753
19	0.21690.0382
20	0.22020.0000
21	0.00000.2600
22	0.04510.2561
23	0.08890.2443
24	0.13000.2252
25	0.16710.1992
26	0.19920.1671
27	0.22520.1300
28	0.24430.0889
29	0.25610.0451
30	0.26000.0000
31	0.00000.3200
32	0.05560.3151
33	0.10940.3007
34	0.16000.2771
35	0.20570.2451
36	0.24510.2057
37	0.27710.1600
38	0.30070.1094
39	0.31510.0556
40	0.32000.0000
41	0.00000.3800
42	0.06600.3742
43	0.13000.3571
44	0.19000.3291
45	0.24430.2911
46	0.29110.2443

47	0.32910.1900
48	0.35710.1300
49	0.37420.0660
50	0.38000.0000
51	0.00000.4600
52	0.07990.4530
53	0.15730.4323
54	0.23000.3984
55	0.29570.3524
56	0.35240.2957
57	0.39840.2300
58	0.43230.1573
59	0.45300.0799
60	0.46000.0000
61	0.00000.5400
62	0.09380.5318
63	0.18470.5074
64	0.27000.4677
65	0.34710.4137
66	0.41370.3471
67	0.46770.2700
68	0.50740.1847
69	0.53180.0938
70	0.54000.0000
71	0.00000.6400
72	0.11110.6303
73	0.21890.6014
74	0.32000.5543
75	0.41140.4903
76	0.49030.4114
77	0.55430.3200
78	0.60140.2189
79	0.63030.1111
80	0.64000.0000
81	0.00000.7400
82	0.11110.7400
83	0.21890.7400
84	0.32000.7400
85	0.41140.5800
86	0.55430.4903
87	0.70000.3657
88	0.70000.2400
89	0.70000.1200
90	0.70000.0000
91	0.00000.8700
92	0.11110.8700
93	0.21890.8700
94	0.32000.8700

95	0.41140.8700
96	0.41140.7200
97	0.55430.7200
98	0.55430.5800
99	0.70000.4903
100	0.86000.3657
101	0.86000.2000
102	0.86000.0000
103	0.00001.0000
104	0.11111.0000
105	0.21891.0000
106	0.32001.0000
107	0.41141.0000
108	0.55431.0000
109	0.55430.8700
110	0.70000.8700
111	0.70000.7200
112	0.70000.6000
113	0.86000.5200
114	1.18000.0000
115	1.18000.2000
116	1.18000.4000
117	1.18000.6000
118	1.18000.8000
119	1.18001.0000
120	0.70001.0000
121	0.86001.0000
122	0.86000.8400
123	0.86000.6800
124	1.50000.0000
125	1.50000.2000
126	1.50000.4000
127	1.50000.6000
128	1.50000.8000
129	1.50001.0000
130	1.75000.0000
131	1.75000.2500
132	1.75000.5000
133	1.75000.7500
134	1.75001.0000
135	2.00000.0000
136	2.00000.2500
137	2.00000.5000
138	2.00000.7500
139	2.00001.0253
140	2.25000.0000
141	2.25000.2500
142	2.25000.5000

143	2.25000.7500
144	2.25001.1044
145	2.56250.0000
146	2.56250.2500
147	2.56250.5000
148	2.56250.7500
149	2.56251.0000
150	2.56251.3001
151	2.87500.0000
152	2.87500.2500
153	2.87500.5000
154	2.87500.7500
155	2.87501.0000
156	2.87501.2500
157	2.87501.7051
158	3.18750.0000
159	3.18750.3125
160	3.18750.6875
161	3.18751.0000
162	3.18751.3750
163	3.18751.7051
164	3.00002.0000
165	3.18752.0000
166	3.50000.0000
167	3.50000.5000
168	3.50001.0000
169	3.50001.5000
170	3.50002.0000
171	4.00000.0000
172	4.00000.5000
173	4.00001.0000
174	4.00001.5000
175	4.00002.0000
176	4.50000.0000
177	4.50000.5000
178	4.50001.0000
179	4.50001.5000
180	4.50002.0000
181	5.00000.0000
182	5.00000.5000
183	5.00001.0000
184	5.00001.5000
185	5.00002.0000
186	5.50000.0000
187	5.50000.5000
188	5.50001.0000
189	5.50001.5000
190	5.50002.0000

APPENDIX D

LISTING OF DATA INPUT FOR  
FINITE ELEMENT CODE CREEP-PLAST

This appendix presents the input data used for executing the CREEP-PLAST code. Notice that nodal data is printed in a format that does not include all the significant digits of the coordinates. However, Appendix C contains the card images for the nodal points and elements from which exact nodal coordinates can be found. The output presented here is for the initial run using CREEP-PLAST.

# LOAD-TIME DEPENDENT RELAXATION OF RESIDUAL STRESSES (7075-1651 ALUMINUM)

.613000E+05 .102200E+080. 0. 12.000 13.000 0. 14.000 .33001.0000  
 5.000 9.000 18.000 21.000  
 16.000 17.000 .800 .867 .933 1.000  
 .333 .600  
 .933 .867 .600

OPTIONS (N1-N17) 0 1 0 1 10 0 1 -0 0 9 0 0 0 0 1

INPUT TAPE GENERATED IN PREVIOUS RUN 14

OUTPUT TAPE TO BE GENERATED IN THE PRESENT RUN 14

TEMPERATURE HISTORY TAPE 0

NUMBER OF ELEMENTS = 312

NUMBER OF NODAL POINTS = 190

NUMBER OF BOUNDARY POINTS = 34

WARNING, YOU ARE USING ONE TAPE ONLY FOR INPUT AND OUTPUT, YOU WILL LOSE YOUR PREVIOUS  
 RUN IF SOMETHING GOES WRONG IN WHICH CASE YOU WILL NOT BE ABLE TO RESTART. 14 14

## BOUNDARY CONDITIONS

### NODE CONSTRAINT SLOPE

1	1	-0.000000-.0	-0
11	1	-0.000000-.0	-0
21	1	-0.000000-.0	-0
31	1	-0.000000-.0	-0
41	1	-0.000000-.0	-0
51	1	-0.000000-.0	-0
61	1	-0.000000-.0	-0
71	1	-0.000000-.0	-0
81	1	-0.000000-.0	-0
91	1	-0.000000-.0	-0
103	1	-0.000000-.0	-0
10	2	-0.000000-.0	-0
20	2	-0.000000-.0	-0
30	2	-0.000000-.0	-0
40	2	-0.000000-.0	-0
50	2	-0.000000-.0	-0
60	2	-0.000000-.0	-0
70	2	-0.000000-.0	-0
80	2	-0.000000-.0	-0
90	2	-0.000000-.0	-0
102	2	-0.000000-.0	-0
114	2	-0.000000-.0	-0
124	2	-0.000000-.0	-0
130	2	-0.000000-.0	-0
135	2	-0.000000-.0	-0
140	2	-0.000000-.0	-0
145	2	-0.000000-.0	-0
151	2	-0.000000-.0	-0
158	2	-0.000000-.0	-0
166	2	-0.000000-.0	-0
171	2	-0.000000-.0	-0
176	2	-0.000000-.0	-0
181	2	-0.000000-.0	-0
186	2	-0.000000-.0	-0

EFFECTIVE BANDWIDTH IS 67

[illegible][illegible]

# EXPLANATION OF STRESS OUTPUT LIST

## ELEMENT STRAINS - MICRO INCHES PER INCH

EPS-R RR OR XX STRAIN  
 EPS-1 THETA STRAIN  
 EPS-2 ZZ OR YY STRAIN  
 EPS-RZ RZ OR XY STRAIN  
 EPS-1 MAX. PRINCIPAL STRAIN  
 EPS-2 MIN. PRINCIPAL STRAIN  
 ANGL MAX. PRINCIPAL DIRECTION - POSITIVE CLOCKWISE

## ELEMENT STRESSES - PSI

SIG-R RR OR XX STRESS  
 SIG-1 THETA STRESS  
 SIG-2 ZZ OR YY STRESS  
 SIG-RZ RZ OR XY STRESS  
 SIG-1 MAX. PRINCIPAL STRESS  
 SIG-2 MIN. PRINCIPAL STRESS

STRESS COORDINATES OF THE CENTER OF THE YIELD SURFACE  
 ALFA THE EFFECTIVE STRESS COORDINATE

EFFECTIVE STRESS AND STRAIN  
 SIGEFF EFFECTIVE STRESS - PSI  
 EPSEFF EFFECTIVE INELASTIC STRAIN - MICRO INCHES  
 ELAST EFFECTIVE ELASTIC STRAIN  
 TOTAL EFFECTIVE STRAIN = ELAST + (-) EPSEFF

## YIELD STATUS

ERR PERCENT DEVIATION FROM THE YIELD SURFACE  
 PLA PLA=0 ELEMENT IS ELASTIC  
 PLA=1 ELEMENT IS PLASTIC





62	52	43	44	1000E+01	.6130E+05	0.
63	35	46	45	.1000E+01	.6130E+05	0.
64	35	46	46	.1000E+01	.6130E+05	0.
65	36	37	46	.1000E+01	.6130E+05	0.
66	37	47	46	.1000E+01	.6130E+05	0.
67	37	48	47	.1000E+01	.6130E+05	0.
68	37	48	48	.1000E+01	.6130E+05	0.
69	38	39	48	.1000E+01	.6130E+05	0.
70	39	49	48	.1000E+01	.6130E+05	0.
71	39	50	49	.1000E+01	.6130E+05	0.
72	39	40	50	.1000E+01	.6130E+05	0.
73	41	42	51	.1000E+01	.6130E+05	0.
74	42	52	51	.1000E+01	.6130E+05	0.
75	42	53	52	.1000E+01	.6130E+05	0.
76	42	43	53	.1000E+01	.6130E+05	0.
77	43	44	53	.1000E+01	.6130E+05	0.
78	44	54	53	.1000E+01	.6130E+05	0.
79	44	55	54	.1000E+01	.6130E+05	0.
80	44	45	55	.1000E+01	.6130E+05	0.
81	45	46	55	.1000E+01	.6130E+05	0.
82	46	56	55	.1000E+01	.6130E+05	0.
83	46	57	56	.1000E+01	.6130E+05	0.
84	46	47	57	.1000E+01	.6130E+05	0.
85	47	48	57	.1000E+01	.6130E+05	0.
86	48	58	57	.1000E+01	.6130E+05	0.
87	48	59	58	.1000E+01	.6130E+05	0.
88	48	49	59	.1000E+01	.6130E+05	0.
89	49	50	59	.1000E+01	.6130E+05	0.
90	50	60	59	.1000E+01	.6130E+05	0.
91	51	62	61	.1000E+01	.6130E+05	0.
92	51	52	62	.1000E+01	.6130E+05	0.
93	52	53	62	.1000E+01	.6130E+05	0.
94	53	63	62	.1000E+01	.6130E+05	0.
95	53	64	63	.1000E+01	.6130E+05	0.
96	53	54	64	.1000E+01	.6130E+05	0.
97	54	55	64	.1000E+01	.6130E+05	0.
98	55	65	64	.1000E+01	.6130E+05	0.
99	55	66	65	.1000E+01	.6130E+05	0.
100	55	56	66	.1000E+01	.6130E+05	0.
101	56	57	66	.1000E+01	.6130E+05	0.
102	57	67	66	.1000E+01	.6130E+05	0.
103	57	68	67	.1000E+01	.6130E+05	0.
104	57	58	68	.1000E+01	.6130E+05	0.
105	58	59	68	.1000E+01	.6130E+05	0.
106	59	69	68	.1000E+01	.6130E+05	0.
107	59	70	69	.1000E+01	.6130E+05	0.
108	59	60	70	.1000E+01	.6130E+05	0.
109	61	62	71	.1000E+01	.6130E+05	0.
110	62	72	71	.1000E+01	.6130E+05	0.
111	62	73	72	.1000E+01	.6130E+05	0.
112	62	63	73	.1000E+01	.6130E+05	0.
113	63	64	73	.1000E+01	.6130E+05	0.
114	64	74	73	.1000E+01	.6130E+05	0.
115	64	75	74	.1000E+01	.6130E+05	0.
116	64	65	75	.1000E+01	.6130E+05	0.
117	65	66	75	.1000E+01	.6130E+05	0.
118	66	76	75	.1000E+01	.6130E+05	0.
119	66	77	76	.1000E+01	.6130E+05	0.
120	66	67	77	.1000E+01	.6130E+05	0.
121	67	68	77	.1000E+01	.6130E+05	0.
122	68	78	77	.1000E+01	.6130E+05	0.
123	68	79	78	.1000E+01	.6130E+05	0.
124	68	69	79	.1000E+01	.6130E+05	0.
125	69	70	79	.1000E+01	.6130E+05	0.
126	70	80	79	.1000E+01	.6130E+05	0.
127	71	72	82	.1000E+01	.6130E+05	0.

129	61	82	91	1000E+01	6130E+05	0.
130	82	92	91	1000E+01	6130E+05	0.
131	91	92	104	1000E+01	6130E+05	0.
132	91	104	105	1000E+01	6130E+05	0.
133	72	73	82	1000E+01	6130E+05	0.
134	75	83	82	1000E+01	6130E+05	0.
135	82	83	93	1000E+01	6130E+05	0.
136	82	93	92	1000E+01	6130E+05	0.
137	92	93	104	1000E+01	6130E+05	0.
138	93	105	104	1000E+01	6130E+05	0.
139	73	74	84	1000E+01	6130E+05	0.
140	73	84	83	1000E+01	6130E+05	0.
141	83	84	93	1000E+01	6130E+05	0.
142	84	94	93	1000E+01	6130E+05	0.
143	93	94	106	1000E+01	6130E+05	0.
144	93	106	105	1000E+01	6130E+05	0.
145	74	75	85	1000E+01	6130E+05	0.
146	74	85	84	1000E+01	6130E+05	0.
147	85	96	84	1000E+01	6130E+05	0.
148	84	96	95	1000E+01	6130E+05	0.
149	84	95	94	1000E+01	6130E+05	0.
150	94	95	106	1000E+01	6130E+05	0.
151	95	107	106	1000E+01	6130E+05	0.
152	76	77	86	1000E+01	6130E+05	0.
153	76	86	75	1000E+01	6130E+05	0.
154	75	86	85	1000E+01	6130E+05	0.
155	86	98	85	1000E+01	6130E+05	0.
156	85	98	97	1000E+01	6130E+05	0.
157	85	97	96	1000E+01	6130E+05	0.
158	95	96	109	1000E+01	6130E+05	0.
159	109	96	97	1000E+01	6130E+05	0.
160	95	109	108	1000E+01	6130E+05	0.
161	95	108	107	1000E+01	6130E+05	0.
162	80	90	79	1000E+01	6130E+05	0.
163	90	89	79	1000E+01	6130E+05	0.
164	79	89	78	1000E+01	6130E+05	0.
165	89	88	78	1000E+01	6130E+05	0.
166	78	88	77	1000E+01	6130E+05	0.
167	88	87	77	1000E+01	6130E+05	0.
168	77	87	86	1000E+01	6130E+05	0.
169	87	99	86	1000E+01	6130E+05	0.
170	86	99	98	1000E+01	6130E+05	0.
171	99	112	98	1000E+01	6130E+05	0.
172	98	112	97	1000E+01	6130E+05	0.
173	112	111	97	1000E+01	6130E+05	0.
174	97	111	110	1000E+01	6130E+05	0.
175	97	110	109	1000E+01	6130E+05	0.
176	109	110	108	1000E+01	6130E+05	0.
177	110	120	108	1000E+01	6130E+05	0.
178	90	102	89	1000E+01	6130E+05	0.
179	89	102	101	1000E+01	6130E+05	0.
180	89	101	88	1000E+01	6130E+05	0.
181	88	101	100	1000E+01	6130E+05	0.
182	88	100	87	1000E+01	6130E+05	0.
183	87	100	99	1000E+01	6130E+05	0.
184	100	113	99	1000E+01	6130E+05	0.
185	99	113	112	1000E+01	6130E+05	0.
186	113	123	112	1000E+01	6130E+05	0.
187	112	123	111	1000E+01	6130E+05	0.
188	111	123	122	1000E+01	6130E+05	0.
189	111	122	110	1000E+01	6130E+05	0.
190	122	121	110	1000E+01	6130E+05	0.
191	110	121	120	1000E+01	6130E+05	0.
192	102	114	115	1000E+01	6130E+05	0.
193	102	115	101	1000E+01	6130E+05	0.

194	101	115	116	100	1000E+01	6130E+05	0.
195	101	116	100	100	1000E+01	6130E+05	0.
196	100	116	113	1000E+01	6130E+05	0.	
197	113	116	117	1000E+01	6130E+05	0.	
198	113	117	123	1000E+01	6130E+05	0.	
199	123	117	119	1000E+01	6130E+05	0.	
200	123	118	122	1000E+01	6130E+05	0.	
201	122	118	121	1000E+01	6130E+05	0.	
202	118	119	121	1000E+01	6130E+05	0.	
203	114	124	115	1000E+01	6130E+05	0.	
204	115	124	125	1000E+01	6130E+05	0.	
205	115	125	126	1000E+01	6130E+05	0.	
206	115	126	116	1000E+01	6130E+05	0.	
207	116	126	117	1000E+01	6130E+05	0.	
208	126	127	117	1000E+01	6130E+05	0.	
209	117	127	128	1000E+01	6130E+05	0.	
210	117	128	118	1000E+01	6130E+05	0.	
211	118	128	119	1000E+01	6130E+05	0.	
212	128	129	119	1000E+01	6130E+05	0.	
213	124	130	125	1000E+01	6130E+05	0.	
214	125	130	131	1000E+01	6130E+05	0.	
215	125	131	126	1000E+01	6130E+05	0.	
216	126	131	132	1000E+01	6130E+05	0.	
217	126	132	127	1000E+01	6130E+05	0.	
218	127	132	133	1000E+01	6130E+05	0.	
219	127	133	128	1000E+01	6130E+05	0.	
220	128	133	134	1000E+01	6130E+05	0.	
221	128	134	129	1000E+01	6130E+05	0.	
222	130	135	136	1000E+01	6130E+05	0.	
223	130	136	131	1000E+01	6130E+05	0.	
224	131	136	132	1000E+01	6130E+05	0.	
225	136	137	132	1000E+01	6130E+05	0.	
226	132	137	138	1000E+01	6130E+05	0.	
227	132	138	133	1000E+01	6130E+05	0.	
228	133	138	134	1000E+01	6130E+05	0.	
229	133	139	134	1000E+01	6130E+05	0.	
230	135	140	136	1000E+01	6130E+05	0.	
231	140	141	136	1000E+01	6130E+05	0.	
232	136	141	142	1000E+01	6130E+05	0.	
233	136	142	137	1000E+01	6130E+05	0.	
234	137	142	138	1000E+01	6130E+05	0.	
235	142	143	138	1000E+01	6130E+05	0.	
236	138	143	139	1000E+01	6130E+05	0.	
237	143	144	139	1000E+01	6130E+05	0.	
238	140	145	146	1000E+01	6130E+05	0.	
239	140	146	141	1000E+01	6130E+05	0.	
240	141	146	142	1000E+01	6130E+05	0.	
241	146	147	142	1000E+01	6130E+05	0.	
242	142	147	148	1000E+01	6130E+05	0.	
243	142	148	143	1000E+01	6130E+05	0.	
244	143	148	149	1000E+01	6130E+05	0.	
245	143	149	144	1000E+01	6130E+05	0.	
246	144	149	150	1000E+01	6130E+05	0.	
247	145	151	146	1000E+01	6130E+05	0.	
248	151	152	146	1000E+01	6130E+05	0.	
249	146	152	153	1000E+01	6130E+05	0.	
250	146	153	152	1000E+01	6130E+05	0.	
251	147	153	148	1000E+01	6130E+05	0.	
252	153	154	148	1000E+01	6130E+05	0.	
253	148	154	149	1000E+01	6130E+05	0.	
254	154	155	149	1000E+01	6130E+05	0.	
255	149	155	156	1000E+01	6130E+05	0.	
256	149	156	150	1000E+01	6130E+05	0.	
257	150	156	157	1000E+01	6130E+05	0.	
258	151	158	152	1000E+01	6130E+05	0.	
259	158	159	152	1000E+01	6130E+05	0.	

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260	152	157	159	160	1000E+01	6130E+05	0.
261	153	159	160	160	1000E+01	6130E+05	0.
262	153	160	154	154	1000E+01	6130E+05	0.
263	154	160	155	155	1000E+01	6130E+05	0.
264	160	161	155	155	1000E+01	6130E+05	0.
265	155	161	156	156	1000E+01	6130E+05	0.
266	156	161	162	162	1000E+01	6130E+05	0.
267	156	162	157	157	1000E+01	6130E+05	0.
268	157	162	163	163	1000E+01	6130E+05	0.
269	157	163	164	164	1000E+01	6130E+05	0.
270	158	166	159	159	1000E+01	6130E+05	0.
271	159	166	167	167	1000E+01	6130E+05	0.
272	159	167	160	160	1000E+01	6130E+05	0.
273	160	167	168	168	1000E+01	6130E+05	0.
274	160	168	161	161	1000E+01	6130E+05	0.
275	161	168	169	169	1000E+01	6130E+05	0.
276	161	169	162	162	1000E+01	6130E+05	0.
277	162	169	163	163	1000E+01	6130E+05	0.
278	163	169	170	170	1000E+01	6130E+05	0.
279	163	170	165	165	1000E+01	6130E+05	0.
280	163	165	164	164	1000E+01	6130E+05	0.
281	166	171	167	167	1000E+01	6130E+05	0.
282	171	167	167	167	1000E+01	6130E+05	0.
283	167	172	173	173	1000E+01	6130E+05	0.
284	167	173	168	168	1000E+01	6130E+05	0.
285	168	173	169	169	1000E+01	6130E+05	0.
286	173	174	169	169	1000E+01	6130E+05	0.
287	169	174	175	175	1000E+01	6130E+05	0.
288	169	175	170	170	1000E+01	6130E+05	0.
289	171	176	177	177	1000E+01	6130E+05	0.
290	171	177	172	172	1000E+01	6130E+05	0.
291	172	177	173	173	1000E+01	6130E+05	0.
292	177	178	173	173	1000E+01	6130E+05	0.
293	173	178	179	179	1000E+01	6130E+05	0.
294	173	179	174	174	1000E+01	6130E+05	0.
295	174	179	175	175	1000E+01	6130E+05	0.
296	179	180	175	175	1000E+01	6130E+05	0.
297	176	181	177	177	1000E+01	6130E+05	0.
298	181	182	177	177	1000E+01	6130E+05	0.
299	177	182	183	183	1000E+01	6130E+05	0.
300	177	183	178	178	1000E+01	6130E+05	0.
301	178	183	179	179	1000E+01	6130E+05	0.
302	183	184	179	179	1000E+01	6130E+05	0.
303	179	184	185	185	1000E+01	6130E+05	0.
304	179	185	180	180	1000E+01	6130E+05	0.
305	181	186	187	187	1000E+01	6130E+05	0.
306	181	187	182	182	1000E+01	6130E+05	0.
307	182	187	183	183	1000E+01	6130E+05	0.
308	187	188	183	183	1000E+01	6130E+05	0.
309	183	188	189	189	1000E+01	6130E+05	0.
310	183	189	184	184	1000E+01	6130E+05	0.
311	184	189	185	185	1000E+01	6130E+05	0.
312	189	190	185	185	1000E+01	6130E+05	0.

NP	R-ORD	Z-ORD	R-LUAD	Z-LOAD	R-DISP	Z-DISP
1	.001	.188	0.000	0.000		
2	.033	.185	0.000	0.000		
3	.064	.176	0.000	0.000		
4	.094	.162	0.000	0.000		
5	.121	.144	0.000	0.000		
6	.144	.121	0.000	0.000		
7	.162	.094	0.000	0.000		
8	.176	.064	0.000	0.000		
9	.185	.033	0.000	0.000		
10	.188	0.000	0.000	0.000		
11	.001	.220	0.000	0.000		
12	.038	.217	0.000	0.000		
13	.075	.207	0.000	0.000		
14	.110	.191	0.000	0.000		
15	.142	.169	0.000	0.000		
16	.169	.142	0.000	0.000		
17	.191	.110	0.000	0.000		
18	.207	.075	0.000	0.000		
19	.217	.038	0.000	0.000		
20	.220	0.000	0.000	0.000		
21	.001	.260	0.000	0.000		
22	.045	.256	0.000	0.000		
23	.089	.244	0.000	0.000		
24	.130	.225	0.000	0.000		
25	.167	.199	0.000	0.000		
26	.199	.167	0.000	0.000		
27	.225	.130	0.000	0.000		
28	.244	.089	0.000	0.000		
29	.256	.045	0.000	0.000		
30	.260	0.000	0.000	0.000		
31	.001	.320	0.000	0.000		
32	.056	.315	0.000	0.000		
33	.109	.301	0.000	0.000		
34	.160	.277	0.000	0.000		
35	.206	.245	0.000	0.000		
36	.245	.206	0.000	0.000		
37	.277	.160	0.000	0.000		
38	.301	.109	0.000	0.000		
39	.315	.056	0.000	0.000		
40	.320	0.000	0.000	0.000		
41	.001	.380	0.000	0.000		
42	.066	.374	0.000	0.000		
43	.130	.357	0.000	0.000		
44	.190	.329	0.000	0.000		
45	.244	.291	0.000	0.000		
46	.291	.244	0.000	0.000		
47	.329	.190	0.000	0.000		
48	.357	.130	0.000	0.000		
49	.374	.066	0.000	0.000		
50	.380	0.000	0.000	0.000		
51	.001	.460	0.000	0.000		
52	.040	.453	0.000	0.000		
53	.157	.432	0.000	0.000		
54	.230	.398	0.000	0.000		
55	.296	.352	0.000	0.000		
56	.352	.296	0.000	0.000		
57	.398	.230	0.000	0.000		
58	.432	.157	0.000	0.000		
59	.453	.040	0.000	0.000		
60	.460	0.000	0.000	0.000		
61	.001	.540	0.000	0.000		

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62	0.00	2.36	0.00	0.00
63	.185	.507	0.000	0.000
64	.270	.468	0.000	0.000
65	.347	.414	0.000	0.000
66	.414	.347	0.000	0.000
67	.468	.270	0.000	0.000
68	.507	.185	0.000	0.000
69	.532	.094	0.000	0.000
70	.540	0.000	0.000	0.000
71	.001	.640	0.000	0.000
72	.111	.630	0.000	0.000
73	.219	.601	0.000	0.000
74	.320	.554	0.000	0.000
75	.411	.490	0.000	0.000
76	.490	.411	0.000	0.000
77	.554	.320	0.000	0.000
78	.601	.219	0.000	0.000
79	.630	.111	0.000	0.000
80	.640	0.000	0.000	0.000
81	.001	.740	0.000	0.000
82	.111	.740	0.000	0.000
83	.219	.740	0.000	0.000
84	.320	.740	0.000	0.000
85	.411	.580	0.000	0.000
86	.554	.490	0.000	0.000
87	.700	.366	0.000	0.000
88	.700	.240	0.000	0.000
89	.700	.120	0.000	0.000
90	.700	0.000	0.000	0.000
91	.001	.870	0.000	0.000
92	.111	.870	0.000	0.000
93	.219	.870	0.000	0.000
94	.320	.870	0.000	0.000
95	.411	.870	0.000	0.000
96	.411	.720	0.000	0.000
97	.554	.720	0.000	0.000
98	.554	.580	0.000	0.000
99	.700	.490	0.000	0.000
100	.860	.366	0.000	0.000
101	.860	.200	0.000	0.000
102	.860	0.000	0.000	0.000
103	.001	1.000	0.000	0.000
104	.111	1.000	0.000	0.000
105	.219	1.000	0.000	0.000
106	.320	1.000	0.000	0.000
107	.411	1.000	0.000	0.000
108	.554	1.000	0.000	0.000
109	.554	.870	0.000	0.000
110	.700	.870	0.000	0.000
111	.700	.720	0.000	0.000
112	.700	.600	0.000	0.000
113	.860	.520	0.000	0.000
114	1.180	0.000	0.000	0.000
115	1.180	.200	0.000	0.000
116	1.180	.400	0.000	0.000
117	1.180	.600	0.000	0.000
118	1.180	.800	0.000	0.000
119	1.180	1.000	0.000	0.000
120	.700	1.000	0.000	0.000
121	.860	1.000	0.000	0.000
122	.860	.840	0.000	0.000
123	.860	.680	0.000	0.000
124	1.500	0.000	0.000	0.000
125	1.500	.200	0.000	0.000
126	1.500	.400	0.000	0.000
127	1.500	.600	0.000	0.000





NP	R-ORD	Z-ORD	R-LOAD	Z-LOAD	R-DISP	Z-DISP
146	5.500	0.000	-1521.935	0.000		
147	5.500	.500	-3043.870	0.000		
148	5.500	1.000	-3043.870	0.000		
149	5.500	1.500	-3043.870	0.000		
150	5.500	2.000	-1521.935	0.000		
TOTAL AREA = .83179E+01						

APPENDIX E

PARTIAL LISTING OF COMPUTER OUTPUT  
FROM CREEP-PLAST

In this appendix is presented the output from the code CREEP-PLAST corresponding to Figures 4 and 5 in Section II. Since quite a voluminous amount of output is generated only the more important time steps have been included. The entire output is available upon request. Note that times in this output are "seconds" and not "hours". The output for the following time steps have been included in this Appendix:

<u>Time Step No.</u>	<u>Time (sec.)</u>
1	7.0
32	30.0
43	1,000.0
44	2,000.0
45	3,000.0
46	4,000.0
47	5,000.0
48	6,000.0
49	7,000.0
50	8,000.0
51	9,000.0
52	10,000.0
62	20,000.0
72	30,000.0
91	50,000.0
105	80,000.0

← not here

TIME 1 = 7.000HOURS AT PRESSURE = .4670 0.0000 0.0000 AND AT TEMPERATURE= 1.0000

MODAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	-.3162E-03	2	.1578E-03	-.3253E-03	3	.3191E-03	-.2965E-03	4	.4647E-03	-.2799E-03
5	.6056E-03	-.2594E-03	6	.7200E-03	-.2011E-03	7	.8147E-03	-.1509E-03	8	.8908E-03	-.1039E-03
9	.9275E-03	-.5353E-04	10	.9510E-03	0.	11	0.	-.5650E-03	12	.1312E-03	-.3439E-03
13	.2637E-03	-.3194E-03	14	.4055E-03	-.2651E-03	15	.5389E-03	-.2118E-03	16	.6720E-03	-.1547E-03
17	.7871E-03	-.1024E-03	18	.8770E-03	-.6285E-04	19	.9402E-03	-.2747E-04	20	.9554E-03	0.
21	0.	-.5760E-03	22	.1160E-03	-.3689E-03	23	.2455E-03	-.3222E-03	24	.3727E-03	-.2655E-03
25	.5169E-03	-.1982E-03	26	.6493E-03	-.1322E-03	27	.7783E-03	-.8167E-04	28	.8792E-03	-.3984E-04
29	.9451E-03	-.1761E-04	30	.9702E-03	0.	31	0.	-.5986E-03	32	.1196E-03	-.3790E-03
33	.2420E-03	-.3583E-03	34	.3825E-03	-.2727E-03	35	.5190E-03	-.1398E-03	36	.6666E-03	-.1336E-03
37	.7941E-03	-.7441E-04	38	.9037E-03	-.5913E-04	39	.9752E-03	-.1321E-04	40	.9975E-03	0.
41	0.	-.4110E-03	42	.1269E-03	-.3973E-03	43	.2650E-03	-.3518E-03	44	.4033E-03	-.2871E-03
45	.5571E-03	-.2151E-03	46	.6892E-03	-.1423E-03	47	.8381E-03	-.8722E-04	48	.9444E-03	-.4286E-04
49	.1018E-02	-.1863E-04	50	.1041E-02	0.	51	0.	-.4381E-03	52	.1473E-03	-.4212E-03
53	.2965E-03	-.3779E-03	54	.4578E-03	-.5133E-03	55	.6131E-03	-.2377E-03	56	.7728E-03	-.1680E-03
57	.9084E-03	-.1035E-03	58	.1023E-02	-.5992E-04	59	.1094E-02	-.2450E-04	60	.1121E-02	0.
61	0.	-.4677E-03	62	.1670E-03	-.4524E-03	63	.3404E-03	-.4077E-03	64	.5112E-03	-.5416E-03
65	.6883E-03	-.2675E-03	66	.8497E-03	-.1901E-03	67	.9983E-03	-.1282E-03	68	.1111E-02	-.7297E-04
69	.1188E-02	-.3430E-04	70	.1212E-02	0.	71	0.	-.5131E-03	72	.1960E-03	-.4955E-03
73	.5917E-03	-.4497E-03	74	.5898E-03	-.3810E-03	75	.7802E-03	-.3017E-03	76	.9632E-03	-.2238E-03
77	.1114E-02	-.1520E-03	78	.1238E-02	-.9389E-04	79	.1315E-02	-.4307E-04	80	.1343E-02	0.
81	0.	-.5612E-03	82	.1904E-03	-.5531E-03	83	.3813E-03	-.5274E-03	84	.5609E-03	-.4996E-03
85	.7562E-03	-.3657E-03	86	.1048E-02	-.2603E-03	87	.1344E-02	-.1719E-03	88	.1382E-02	-.1025E-03
89	.1412E-02	-.4708E-04	90	.1425E-02	0.	91	0.	-.6508E-03	92	.1858E-03	-.6208E-03
93	.3691E-03	-.6023E-03	94	.5448E-03	-.5744E-03	95	.7050E-03	-.5485E-03	96	.7506E-03	-.4564E-03
97	.9897E-03	-.4163E-03	98	.1021E-02	-.3248E-03	99	.1306E-02	-.2445E-03	100	.1607E-02	-.1634E-03
101	.1638E-02	-.8376E-04	102	.1655E-02	0.	103	0.	-.6970E-03	104	.1756E-03	-.5863E-03
105	.5515E-03	-.6723E-03	106	.5204E-03	-.6494E-03	107	.6786E-03	-.6241E-03	108	.9317E-03	-.5863E-03
109	.9600E-03	-.5089E-03	110	.1221E-02	-.4746E-03	111	.1250E-02	-.5844E-03	112	.1274E-02	-.3113E-03
113	.1574E-02	-.2438E-03	114	.2153E-02	0.	115	.2151E-02	-.7497E-04	116	.2116E-02	-.1584E-03
117	.2103E-02	-.2517E-03	118	.2043E-02	-.3606E-03	119	.2057E-02	-.4751E-03	120	.1195E-02	-.5529E-03
121	.1486E-02	-.5212E-03	122	.1512E-02	-.6280E-03	123	.1541E-02	-.5341E-03	124	.2614E-02	0.
125	.2615E-02	-.6565E-04	126	.2625E-02	-.1322E-03	127	.2652E-02	-.2129E-03	128	.2647E-02	-.5030E-03
129	.2644E-02	-.4261E-03	130	.2981E-02	0.	131	.2986E-02	-.7098E-04	132	.3014E-02	-.1434E-03
133	.3068E-02	-.2379E-03	134	.3153E-02	-.3469E-03	135	.3353E-02	0.	136	.3347E-02	-.6364E-04
137	.3376E-02	-.1267E-03	138	.3479E-02	-.1869E-03	139	.3646E-02	-.3091E-03	140	.3676E-02	0.
141	.3694E-02	-.5979E-04	142	.3712E-02	-.1188E-03	143	.3857E-02	-.1830E-03	144	.4256E-02	-.2108E-03
145	.4085E-02	0.	146	.4128E-02	-.5823E-04	147	.4085E-02	-.1155E-03	148	.4283E-02	-.2108E-03
149	.4528E-02	-.2846E-03	150	.5031E-02	-.3027E-03	151	.4447E-02	0.	152	.4460E-02	-.9703E-04
153	.4603E-02	-.1819E-03	154	.4695E-02	-.2713E-03	155	.4887E-02	-.3554E-03	156	.5164E-02	-.4278E-03
157	.5743E-02	-.4568E-03	158	.4899E-02	0.	159	.4873E-02	-.5208E-02	160	.5020E-02	-.2999E-03
161	.5213E-02	-.4208E-03	162	.5506E-02	-.5302E-03	163	.5820E-02	-.5729E-03	164	.5969E-02	-.5019E-03
165	.5980E-02	-.5816E-03	166	.5199E-02	0.	167	.5279E-02	-.2376E-03	168	.5507E-02	-.3354E-03
169	.5827E-02	-.6161E-03	170	.6055E-02	-.6722E-03	171	.5752E-02	0.	172	.5808E-02	-.2571E-03
173	.5968E-02	-.4440E-03	174	.6168E-02	-.5489E-03	175	.6279E-02	-.7216E-03	176	.6254E-02	0.
177	.6301E-02	-.2194E-03	178	.6410E-02	-.5407E-03	179	.6339E-02	-.5821E-03	180	.6610E-02	-.7042E-03
181	.6725E-02	0.	182	.6761E-02	-.2098E-03	183	.6845E-02	-.4084E-03	184	.6841E-02	-.5691E-03
185	.6992E-02	-.7124E-03	186	.7182E-02	0.	187	.7205E-02	-.2341E-03	188	.7279E-02	-.4370E-03
189	.7557E-02	-.6084E-03	190	.7407E-02	-.7492E-03						



56	2167	-887	-356	68	-2168	-367	-0	23475	0	3496	261	23478	3993	*	0	21758	2129	0	0	0	50
57	2203	-877	-422	378	-2217	-436	-4	23676	0	3493	1454	23781	3389	*	0	22280	2180	0	0	51	
58	2065	-795	-454	243	2071	-460	-2	21969	0	1867	935	22014	2562	*	0	20851	2040	0	0	52	
59	2131	-783	-540	455	2150	-559	-4	22395	0	1867	1709	22543	1719	*	0	21735	2126	0	0	53	
60	2334	-751	-808	-27	2334	-808	0	23712	0	-438	-104	23713	-439	*	0	25936	2342	0	0	61	
61	2325	-852	-852	55	-2326	-852	0	23449	0	-975	-206	23451	-976	*	0	23954	2343	0	0	62	
62	2149	-610	-910	-284	2150	-916	2	21211	0	-2501	-1101	21262	-2352	*	0	22431	2204	0	0	63	
63	2101	-890	-890	-264	2107	-896	2	20730	0	-2261	-1034	20777	-2307	*	0	22021	2154	0	0	64	
64	2094	-531	-1015	-988	2171	-1092	8	20180	0	-3721	-3794	20769	-4310	*	0	-23227	2272	0	0	65	
65	1920	-502	-899	-878	1986	-965	8	18618	0	-3044	-3375	19132	-3558	*	0	21157	2068	0	0	66	
66	1653	-399	-443	-1170	1783	-973	12	15771	0	-3412	-4497	16774	-4414	*	0	19167	1894	0	0	67	
67	1471	-368	-683	-947	1570	-782	11	14288	0	-2267	-3639	15052	-5032	*	0	16775	1641	0	0	68	
68	1292	-330	-622	-1400	1521	-850	18	12471	0	-2241	-5380	14229	-3999	*	0	16594	1623	0	0	69	
69	1087	-311	-454	-900	1209	-576	15	10754	0	-1100	-3460	11691	-2036	*	0	12831	1255	0	0	70	
70	910	-258	-584	-924	1058	-533	17	8987	0	-968	-3553	10125	-2106	*	0	11326	1108	0	0	71	
71	803	-254	-285	-331	827	-310	8	8129	0	-239	-1273	8419	-429	*	0	8541	835	0	0	72	
72	752	-243	-237	-372	766	-272	10	7098	0	45	-1432	7764	-220	*	0	7876	770	0	0	73	
73	1952	-794	-338	-180	1956	-342	-2	21110	0	3502	692	21138	3475	*	0	19632	1920	0	0	74	
74	1861	-751	-355	115	1862	-337	-1	20076	0	3194	442	20088	3182	*	0	18700	1829	0	0	75	
75	1906	-750	-383	379	1922	-399	-4	20417	0	2815	1459	20537	2695	*	0	19331	1891	0	0	76	
76	2069	-747	-551	231	2074	-556	-2	21644	0	1504	889	21684	1467	*	0	20988	2053	0	0	77	
77	2137	-741	-631	426	2153	-607	-4	22123	0	849	1638	22208	724	*	0	21895	2142	0	0	78	
78	2036	-657	-701	172	2038	-704	-1	20697	0	-339	662	20718	-360	*	0	20901	2045	0	0	79	
79	2075	-656	-741	219	2080	-746	-2	20998	0	-652	843	21031	-685	*	0	21382	2092	0	0	80	
80	2187	-618	-932	-247	2192	-937	2	21564	0	-2413	-951	21602	-2451	*	0	22926	2243	0	0	81	
81	2108	-610	-910	-241	2153	-914	2	21197	0	-2504	-927	21234	-2341	*	0	22496	2201	0	0	82	
82	1937	-512	-896	-546	1963	-922	5	18828	0	-2950	-2099	19028	-3150	*	0	20784	2053	0	0	83	
83	1847	-514	-803	-517	1872	-828	5	18147	0	-2218	-1987	18339	-2410	*	0	19656	1923	0	0	84	
84	1774	-465	-829	-1065	1879	-934	11	17215	0	-1676	-3611	14422	-2486	*	0	20064	1963	0	0	85	
85	1605	-459	-672	-862	1684	-751	10	15864	0	-1642	-3314	16420	-2248	*	0	17702	1732	0	0	86	
86	1386	-385	-603	-940	1491	-709	12	13612	0	-1676	-3611	14422	-2486	*	0	15813	1547	0	0	87	
87	1258	-386	-472	-635	1314	-528	10	12641	0	-656	-2440	13074	-1090	*	0	13653	1335	0	0	88	
88	1119	-364	-380	-852	1232	-493	14	11401	0	-126	-3274	12266	-5991	*	0	12790	1251	0	0	89	
89	1018	-361	-284	-295	1034	-300	6	10603	0	592	-1134	10730	465	*	0	10505	1027	0	0	90	
90	988	-335	-370	-243	999	-317	5	10175	0	224	-936	10263	137	*	0	10195	997	0	0	91	
91	1799	-703	-370	132	1801	-372	-1	19230	0	2558	509	19246	2542	*	0	18109	1771	0	0	92	
92	1800	-705	-427	97	1861	-428	-1	19719	0	2141	372	19727	2133	*	0	18752	1834	0	0	93	
93	1904	-705	-472	346	1916	-485	-4	20051	0	1787	1330	20148	1691	*	0	19557	1894	0	0	94	
94	1840	-667	-525	248	1846	-531	-2	19579	0	1094	955	19629	1044	*	0	19128	1871	0	0	95	
95	1943	-671	-581	379	1957	-595	-1	20094	0	691	1956	20202	583	*	0	19917	1948	0	0	96	
96	2030	-642	-726	148	2032	-728	-1	20539	0	-643	570	20554	-658	*	0	20891	2044	0	0	97	
97	2068	-642	-764	192	2071	-767	-1	20825	0	-937	740	20851	-962	*	0	21348	2088	0	0	98	
98	1989	-578	-814	-49	1989	-814	0	19731	0	-1810	-189	19732	-1811	*	0	20698	2025	0	0	99	
99	1985	-586	-794	-70	1986	-794	0	19766	0	-1593	-269	19770	-1596	*	0	20614	2017	0	0	100	
100	1967	-542	-864	-485	1947	-885	4	19286	0	-2474	-1864	19445	-2633	*	0	20886	2043	0	0	101	
101	1891	-543	-777	-456	1900	-796	4	18636	0	-1794	-1754	18785	-1943	*	0	19829	1940	0	0	102	
102	1715	-475	-749	-648	1757	-791	7	16839	0	-2102	-2491	17161	-2424	*	0	18493	1809	0	0	103	
103	1625	-485	-640	-544	1658	-673	6	16215	0	-1193	-2131	16472	-1450	*	0	17243	1687	0	0	104	
104	1495	-449	-582	-842	1577	-664	11	14947	0	-1015	-3238	15579	-1647	*	0	16465	1611	0	0	105	
105	1374	-450	-459	-555	1415	-500	11	14021	0	-67	-2132	14336	-363	*	0	14532	1421	0	0	106	
106	1274	-411	-438	-544	1316	-480	8	12956	0	-201	-2091	13280	-525	*	0	13550	1325	0	0	107	
107	1214	-415	-370	-215	1221	-378	3	12521	0	341	-828	12577	285	*	0	12437	1216	0	0	108	
108	1146	-413	-306	-229	1155	-315	4	11992	0	824	-883	12062	754	*	0	11703	1145	0	0	109	
109	1799	-662	-453	125	1800	-455	-1	18915	0	-1603	-480	18929	-1504	*	0	18185	1779	0	0	110	
110	1778	-650	-458	102	1780	-459	-1	18668	0	1475	394	18677	1466	*	0	17988	1760	0	0	111	
111	1808	-650	-489	271	1816	-497	-3	18693	0	1237	1033	18955	1175	*	0	18495	1799	0	0	112	
112	1871	-641	-569	203	1875	-574	-2	19308	0	548	781	19341	515	*	0	19088	1867	0	0	113	
113	1929	-643	-622	328	1939	-633	-5	19769	0	158	1261	19850	77	*	0	19812	1938	0	0	114	
114	1877	-596	-667	192	1881	-670	-2	19007	0	-547	739	19035	-575	*	0	19329	1891	0	0	115	
115	1936	-618	-680	180	1939	-683	-1	19632	0	-474	684	19656	-497	*	0	19910	1948	0	0	116	
116	1976	-584	-789	-50	1976	-789	0	19675	0	-1577	-194	19676	-1579	*	0	20512	2007	0	0	117	
117	1969	-589	-772	-65	1969	-773	0	19663	0	-1410	-249	19666	-1413	*	0	20409	1997	0	0	118	
118	1863	-535	-773	-244	1869	-781	2	18440	0	-1844	-948	18483	-1886	*	0	19495	1907	0	0	119	
119	1807	-550	-689	-250	1814	-695	2	18126	0	-1064	-961	18174	-1112	*	0	18755	1835	0	0	120	
120	1747	-511	-709	-568	1779	-741	6	17355	0	-1521	-2185	17605	-1770	*	0	18553	1815	0	0	121	
121	1660	-516	-610	-474	1684	-635	5	16729	0	-721	-1824	16918	-910	*	0	17491	1701	0	0	122	

122	1555	-404	-579	-520	1565	-611	6	1559	0	-844	-1999	15640	-1046	0	16211	1586	0	0	0	122
123	1465	-485	-483	-367	1482	-500	5	14975	0	-5	-1410	15106	-134	0	0	1484	0	0	0	123
124	1376	-466	-429	-483	1407	-460	7	14158	0	287	-1857	14002	43	0	0	1451	0	0	0	124
125	1319	-468	-367	-171	1323	-372	2	13740	0	774	-659	13773	741	0	0	1518	0	0	0	125
126	1304	-451	-387	-135	1307	-390	2	13493	0	440	-519	13514	470	0	0	13285	0	0	0	126
127	1775	-615	-525	-62	1776	-625	0	14379	0	695	-234	14383	692	0	0	18046	0	0	0	127
128	1729	-614	-440	75	1729	-481	0	14011	0	1028	-282	14015	1023	0	0	17526	0	0	0	128
133	1600	-628	-525	252	1606	-531	-2	14666	0	740	-893	14711	745	0	0	18349	0	0	0	133
134	1771	-596	-560	164	1774	-563	-2	14193	0	-272	-630	14215	-250	0	0	14091	0	0	0	134
139	1487	-614	-638	226	1492	-643	-2	14227	0	-182	-870	14265	-221	0	0	14977	0	0	0	139
140	1776	-598	-560	200	1780	-565	-2	14251	0	291	-770	14284	258	0	0	18156	0	0	0	140
145	1496	-562	-713	-49	1497	-574	-1	14045	0	-1041	-584	14052	-1019	0	0	0	0	0	0	145
146	1864	-603	-638	190	1868	-642	-2	14869	0	-267	-732	14897	-295	0	0	0	0	0	0	146
152	1803	-563	-659	-211	1807	-664	2	14183	0	-741	-811	14218	-776	0	0	0	0	0	0	152
153	1871	-564	-625	-185	1874	-628	2	14120	0	-1233	-714	14246	-1258	0	0	0	0	0	0	153
154	1871	-570	-713	-5	1871	-713	0	14762	0	-1105	-22	14762	-1105	0	0	0	0	0	0	154
163	1368	-483	-387	-129	1370	-490	2	14227	0	733	-497	14245	714	0	0	0	0	0	0	163
163	1407	-499	-392	-112	1409	-394	1	14657	0	-826	-432	14670	-813	0	0	0	0	0	0	163
164	1435	-475	-470	-325	1449	-484	4	14687	0	36	-1252	14794	-70	0	0	0	0	0	0	164
165	1516	-519	-462	-237	1523	-469	3	15638	0	436	-912	15692	582	0	0	0	0	0	0	165
166	1568	-496	-559	-461	1593	-584	6	15869	0	-482	-1771	16059	-671	0	0	0	0	0	0	166
167	1669	-550	-551	-272	1677	-559	3	17060	0	-5	-1046	17124	-69	0	0	0	0	0	0	167
168	1695	-510	-659	-321	1706	-670	3	16949	0	-1148	-1235	17033	-1232	0	0	0	0	0	0	168
129	1729	-549	-542	75	1729	-533	0	17816	0	-438	-282	17821	-433	0	0	0	0	0	0	129
130	1687	-574	-520	52	1688	-521	0	17387	0	415	-200	17389	410	0	0	0	0	0	0	130
131	1687	-558	-554	8	1687	-554	0	17258	0	23	31	17258	23	0	0	0	0	0	0	131
132	1594	-533	-511	36	1595	-512	0	16355	0	-164	-159	16356	-163	0	0	0	0	0	0	132
135	1771	-588	-576	144	1773	-578	-1	18133	0	92	-556	18151	75	0	0	0	0	0	0	135
136	1700	-580	-520	136	1702	-523	-1	17528	0	459	-526	17544	443	0	0	0	0	0	0	136
137	1700	-564	-544	93	1701	-555	-1	17399	0	70	-357	17407	63	0	0	0	0	0	0	137
138	1631	-538	-548	56	1632	-538	0	16678	0	4	-218	16681	85	0	0	0	0	0	0	138
141	1776	-591	-576	181	1779	-579	-2	18191	0	111	-696	18218	85	0	0	0	0	0	0	141
142	1737	-572	-525	152	1740	-528	-1	17748	0	-25	-584	17748	-44	0	0	0	0	0	0	142
143	1737	-570	-578	88	1738	-579	-1	17736	0	-61	-341	17743	-68	0	0	0	0	0	0	143
144	1670	-557	-538	88	1671	-538	-1	17124	0	151	-340	17130	144	0	0	0	0	0	0	144
147	1815	-575	-647	147	1817	-649	-1	18374	0	-552	-566	18391	-569	0	0	0	0	0	0	147
148	1818	-593	-614	168	1821	-617	-1	18533	0	-160	-645	18556	-182	0	0	0	0	0	0	148
149	1753	-580	-575	159	1755	-578	-1	17929	0	34	-611	17950	13	0	0	0	0	0	0	149
150	1753	-578	-578	95	1754	-579	-1	17917	0	-2	-368	17924	-9	0	0	0	0	0	0	150
151	1730	-565	-581	75	1731	-582	0	17648	0	-123	-290	17653	-128	0	0	0	0	0	0	151
155	1850	-579	-674	-14	1850	-674	0	18673	0	-733	-54	18673	-743	0	0	0	0	0	0	155
156	1850	-589	-654	64	1851	-653	0	18755	0	-485	-247	18758	-488	0	0	0	0	0	0	156
157	1815	-574	-647	97	1814	-648	-1	18345	0	-562	-373	18353	-569	0	0	0	0	0	0	157
158	1784	-576	-614	106	1785	-615	-1	18137	0	-291	-409	18146	-300	0	0	0	0	0	0	158
159	1815	-588	-617	182	1813	-618	0	18457	0	-223	-117	18463	-229	0	0	0	0	0	0	159
160	1784	-585	-595	59	1784	-595	0	18209	0	-72	-228	18212	-74	0	0	0	0	0	0	160
161	1771	-585	-581	61	1771	-582	0	18112	0	24	-236	18115	26	0	0	0	0	0	0	161
164	1775	-587	-583	-163	1778	-585	-1	18152	0	-31	-626	18174	-9	0	0	0	0	0	0	164
170	1775	-542	-674	-164	1777	-677	1	17805	0	-1019	-632	17827	-1040	0	0	0	0	0	0	170
178	1438	-515	-592	-105	1439	-593	1	15008	0	943	-403	15020	931	0	0	0	0	0	0	178
179	1453	-509	-418	-103	1455	-420	1	15088	0	699	-399	15099	688	0	0	0	0	0	0	179
180	1536	-528	-462	-246	1543	-469	3	15867	0	512	-948	15926	454	0	0	0	0	0	0	180
181	1550	-527	-480	-192	1555	-485	2	15968	0	357	-737	16002	322	0	0	0	0	0	0	181
182	1644	-538	-551	-255	1652	-558	3	16776	0	-99	-943	16833	-156	0	0	0	0	0	0	182
183	1644	-522	-583	-246	1651	-589	3	16656	0	-462	-945	16708	-514	0	0	0	0	0	0	183
171	1800	-587	-608	-82	1801	-609	0	18347	0	-186	-317	18353	-172	0	0	0	0	0	0	171
172	1795	-562	-633	-39	1795	-633	0	18121	0	-694	-150	18122	-696	0	0	0	0	0	0	172
173	1788	-585	-609	-11	1788	-609	0	18209	0	-218	-43	18209	-219	0	0	0	0	0	0	173
174	1788	-585	-600	23	1788	-601	0	18241	0	-121	91	18242	-122	0	0	0	0	0	0	174
175	1792	-578	-617	78	1792	-618	0	18215	0	-303	-146	18216	-304	0	0	0	0	0	0	175
176	1792	-589	-595	18	1792	-595	0	18301	0	-41	71	18301	-42	0	0	0	0	0	0	176
177	1806	-593	-602	28	1807	-602	0	18444	0	-70	110	18444	-71	0	0	0	0	0	0	177
184	1710	-586	-521	-112	1712	-522	1	17650	0	498	-433	17661	-497	0	0	0	0	0	0	184
185	1719	-547	-608	-141	1721	-610	1	17415	0	-474	-544	17431	-491	0	0	0	0	0	0	185
186	1747	-582	-564	-63	1747	-564	0	17903	0	143	-244	17907	149	0	0	0	0	0	0	186
187	1760	-566	-609	-67	1760	-609	0	18483	0	-526	-259	17887	-350	0	0	0	0	0	0	187



188	1771	-585	-587	-16	1721	-587	0	18098	0	-29	-63	18098	-29	0	18113	1712	0	0	188
189	1774	-580	-600	-16	1774	-600	0	18158	0	-156	-63	18158	-157	0	0	18214	1782	0	189
190	1785	-592	-582	19	1785	-582	0	18274	0	77	73	18274	77	0	0	18236	1784	0	190
191	1816	-598	-602	-2	1816	-602	0	18555	0	-34	-10	18555	-34	0	0	18572	1817	0	191
192	1495	-550	-574	-9	1495	-574	0	15708	0	152	-37	15708	152	0	0	15078	1475	0	192
193	1539	-552	-418	-56	1540	-419	0	16075	0	1024	-217	16078	1021	0	0	15592	1525	0	193
194	1534	-552	-418	-44	1540	-419	0	16075	0	1024	-217	16078	1021	0	0	15592	1525	0	194
195	1615	-557	-480	-123	1614	-482	1	16661	0	592	-473	16695	574	0	0	16413	1606	0	195
196	1615	-539	-521	-143	1618	-523	1	16558	0	138	-551	16576	119	0	0	16413	1616	0	196
197	1670	-594	-464	24	1670	-464	0	17404	0	995	94	17404	995	0	0	16929	1654	0	197
198	1704	-561	-564	-86	1705	-564	1	17418	0	-16	-533	17425	-23	0	0	17436	1704	0	198
199	1731	-584	-544	-22	1731	-544	0	17792	0	304	-88	17793	303	0	0	17643	1726	0	199
200	1763	-579	-587	-47	1763	-587	0	18001	0	-61	-180	18003	-63	0	0	18043	1764	0	200
201	1766	-582	-582	-24	1766	-582	0	18051	0	3	-94	18051	3	0	0	18044	1766	0	201
202	1786	-597	-572	-13	1786	-572	0	18320	0	193	53	18320	192	0	0	18224	1783	0	202
203	1505	-556	-374	-9	1505	-374	0	15829	0	1392	-37	15829	1392	0	0	15161	1485	0	203
204	1514	-584	-328	36	1514	-328	0	16127	0	1968	139	16129	1967	0	0	15241	1491	0	204
205	1514	-582	-332	75	1515	-333	-1	16110	0	1915	291	16116	1909	0	0	15251	1492	0	205
206	1588	-576	-418	10	1588	-418	0	16635	0	1208	41	16635	1208	0	0	16065	1571	0	206
207	1588	-553	-464	16	1588	-464	0	16462	0	685	61	16463	684	0	0	16131	1578	0	207
208	1652	-614	-403	155	1654	-406	-2	17119	0	1822	596	17121	1599	0	0	16699	1633	0	208
209	1652	-591	-450	200	1656	-455	-2	17242	0	1085	768	17278	1049	0	0	16778	1641	0	209
210	1762	-600	-544	81	1763	-545	-1	18157	0	424	313	18162	419	0	0	17957	1751	0	210
211	1762	-586	-572	49	1763	-572	0	18051	0	104	191	18053	102	0	0	18002	1761	0	211
212	1834	-600	-615	137	1836	-617	-1	18712	0	-112	529	18727	-126	0	0	18791	1834	0	212
213	1466	-560	-328	7	1466	-328	0	15571	0	1785	27	15571	1784	0	0	14760	1444	0	213
214	1478	-588	-283	58	1479	-284	0	15884	0	2340	224	15884	2336	0	0	14858	1453	0	214
215	1473	-562	-332	91	1475	-333	-1	15645	0	1761	352	15644	1752	0	0	14855	1453	0	215
216	1513	-602	-289	182	1517	-294	-2	16257	0	2405	702	16293	2369	0	0	15247	1491	0	216
217	1544	-581	-403	151	1547	-406	-2	16181	0	1214	580	16204	1191	0	0	15642	1530	0	217
218	1616	-609	-378	341	1630	-392	-4	17105	0	1781	1312	17216	1669	0	0	16445	1609	0	218
219	1697	-614	-450	249	1704	-457	-3	17763	0	1257	958	17818	1202	0	0	17249	1687	0	219
220	1749	-646	-436	513	1779	-466	-6	18417	0	1619	1974	18446	1390	0	0	17991	1760	0	220
221	2034	-699	-615	301	2043	-623	-3	21006	0	644	1156	21071	579	0	0	20788	2034	0	221
222	1410	-569	-254	54	1410	-255	0	15209	0	2417	210	15212	2414	0	0	14160	1385	0	222
223	1442	-570	-283	52	1442	-284	0	15463	0	2201	200	15466	2198	0	0	14493	1418	0	223
224	1442	-567	-289	141	1444	-292	-2	15402	0	2135	542	15404	2113	0	0	14523	1421	0	224
225	1445	-587	-252	181	1450	-257	-3	15622	0	2576	699	15629	2539	0	0	14556	1424	0	225
226	1445	-593	-240	480	1478	-274	-7	15666	0	2711	1845	15924	2453	0	0	14850	1453	0	226
227	1644	-623	-378	418	1665	-399	-5	17429	0	1888	1608	17594	1723	0	0	16799	1643	0	227
228	1644	-595	-436	544	1674	-471	-7	17209	0	1220	2092	17478	951	0	0	17023	1665	0	228
229	2090	-611	-444	983	2182	-536	-10	22499	0	2820	3777	23006	2113	0	0	22025	2155	0	229
230	1375	-551	-254	54	1375	-255	0	14788	0	2278	210	14791	2274	0	0	13795	1349	0	230
231	1389	-566	-239	85	1390	-240	-1	15025	0	2514	329	15034	2505	0	0	13951	1365	0	231
232	1389	-567	-236	87	1390	-237	-1	15037	0	2550	334	15046	2541	0	0	13950	1365	0	232
233	1345	-538	-252	146	1348	-255	-2	14875	0	2198	564	14901	2172	0	0	13546	1325	0	233
234	1345	-544	-240	445	1376	-271	-7	14520	0	2432	1710	14755	2477	0	0	13826	1352	0	234
235	1510	-617	-256	594	1559	-305	-9	16358	0	2774	2285	16732	2400	0	0	15670	1533	0	235
236	1510	-525	-444	802	1590	-523	-11	15699	0	626	3083	16257	18	0	0	16248	1589	0	236
237	1884	-792	-276	1526	2072	-663	-15	20570	0	3963	5046	22009	2523	0	0	20862	2041	0	237
238	1305	-528	-232	173	1310	-237	-3	14095	0	2271	668	14133	2233	0	0	13159	1287	0	238
239	1368	-566	-239	75	1389	-240	-1	15020	0	2512	289	15027	2506	0	0	13944	1364	0	239
240	1388	-567	-236	76	1389	-236	-1	15032	0	2548	294	15039	2541	0	0	13943	1364	0	240
241	1193	-474	-229	162	1197	-233	-3	12816	0	1886	623	12852	1851	0	0	12033	1171	0	241
242	1193	-400	-580	803	1289	-477	-13	12242	0	146	3086	12944	-594	0	0	13291	1300	0	242
243	1364	-545	-256	490	1400	-292	-8	14672	0	2218	1883	14951	1940	0	0	14081	1377	0	243
244	1364	-526	-295	890	1475	-407	-14	14526	0	1774	3421	15386	916	0	0	14949	1462	0	244
245	1246	-477	-276	1022	1402	-432	-16	13208	0	1546	3928	14445	350	0	0	14212	1396	0	245
246	1429	-674	-60	1643	1794	-624	-23	16170	0	4717	6315	18948	1919	0	0	18085	1769	0	246
247	1160	-456	-232	173	1165	-238	-3	12425	0	1320	668	12446	1674	0	0	11718	1146	0	247
248	1062	-331	-388	-72	1063	-389	1	10712	0	-431	-280	10719	-438	0	0	10945	1070	0	248
249	1062	-355	-339	454	1098	-375	-8	10895	0	124	1747	11171	-152	0	0	11248	1100	0	249
250	1062	-355	-339	454	1098	-375	-8	10895	0	124	1747	11171	-152	0	0	11248	1100	0	250
251	1663	-631	-580	580	1703	-621	-7	17635	0	1926	2229	17946	1616	0	0	17195	1682	0	251
252	1319	-473	-557	168	1323	-561	-2	13779	0	894	649	13811	861	0	0	13401	1311	0	252
253	1119	-504	-294	785	1409	-484	-12	14014	0	1607	3018	14709	911	0	0	14275	1394	0	253





TIME 32 = 30.000HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE= 1.0000

NODAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	.1129E-03	2	.4519E-05	.9826E-04	3	.4250E-04	.8818E-04	4	.9880E-04	.8503E-04
5	-.1630E-03	.7434E-04	6	-.2102E-03	.6514E-04	7	-.2478E-03	.5062E-04	8	-.2766E-03	.5419E-04
9	-.2906E-03	.1769E-04	10	-.2942E-03	0.	11	0.	.9256E-04	12	-.1722E-04	.1006E-03
13	-.5116E-04	.9799E-04	14	-.2716E-03	.8535E-04	15	.1435E-03	.6486E-04	16	-.1951E-03	.5005E-04
17	-.2377E-03	.3299E-04	18	-.2716E-03	.1975E-04	19	-.2448E-03	.8443E-05	20	-.3003E-03	0.
21	0.	.1021E-03	22	.3155E-04	.1047E-03	23	-.6449E-04	.1006E-03	24	-.1003E-03	.8864E-04
25	-.1463E-03	.6719E-04	26	.1906E-03	.4419E-04	27	-.2370E-03	.2666E-04	28	-.2728E-03	.1296E-04
29	-.2969E-03	.5308E-05	30	-.3058E-03	0.	31	0.	.1128E-03	32	-.3721E-04	.1114E-03
33	-.7475E-04	.1055E-03	34	-.1148E-03	.8010E-04	35	-.1560E-03	.6808E-04	36	-.2037E-03	.4615E-04
37	-.2460E-03	.2537E-04	38	-.2839E-03	.1321E-04	39	-.3079E-03	.4241E-05	40	-.3165E-03	0.
41	0.	.1213E-03	42	-.4252E-04	.1195E-03	43	-.8534E-04	.1103E-03	44	-.1281E-03	.9411E-04
45	-.1749E-03	.7307E-04	46	-.2197E-03	.4930E-04	47	-.2651E-03	.3085E-04	48	-.3004E-03	.1506E-04
49	-.3252E-03	.6587E-05	50	-.1497E-03	0.	51	0.	.1353E-03	52	-.4957E-04	.1298E-03
53	-.9907E-04	.1196E-03	54	-.1497E-03	.1024E-03	55	-.1989E-03	.8014E-04	56	-.2493E-03	.5811E-04
57	-.2930E-03	.3651E-04	58	.3306E-03	.2145E-04	59	-.3540E-03	.8853E-05	60	-.3628E-03	0.
61	0.	.1455E-03	62	.5691E-04	.1418E-03	63	-.1144E-03	.1302E-03	64	-.1704E-03	.1114E-03
65	-.2270E-03	.8988E-04	66	-.2789E-03	.5553E-04	67	-.3267E-03	.4503E-04	68	-.3635E-03	.2610E-04
69	-.4885E-03	.1239E-04	70	.3965E-03	0.	71	0.	.1622E-03	72	-.6672E-04	.1575E-03
73	-.1329E-03	.1449E-04	74	-.1984E-03	.1252E-03	75	-.2608E-03	.1014E-03	76	-.3201E-03	.7685E-04
77	-.5694E-03	.5316E-04	78	-.4096E-03	.3331E-04	79	-.4347E-03	.1546E-04	80	-.4437E-03	0.
81	0.	.1742E-03	82	.6528E-04	.1773E-03	83	-.1302E-03	.1709E-03	84	-.1912E-03	.1636E-03
85	-.2548E-03	.1219E-03	86	.3514E-03	.9046E-04	87	-.4501E-03	.5990E-04	88	-.4610E-03	.3632E-04
89	-.4696E-03	.1690E-04	90	-.4732E-03	0.	91	0.	.2030E-03	92	-.5396E-04	.2006E-03
93	-.1269E-03	.1959E-03	94	.1869E-03	.1886E-03	95	-.2415E-03	.1817E-03	96	-.2483E-03	.1514E-03
97	-.3361E-03	.1402E-03	98	.3444E-03	.1102E-03	99	-.4400E-03	.8439E-04	100	-.5416E-03	.5704E-04
101	-.5503E-03	.2934E-04	102	-.5551E-03	0.	103	0.	.2260E-03	104	-.6126E-04	.2250E-03
105	-.1222E-03	.2167E-03	106	-.1803E-03	.2138E-03	107	-.2343E-03	.2069E-03	108	-.3202E-03	.1966E-03
109	-.3281E-03	.1708E-03	110	-.4168E-03	.1610E-03	111	-.4249E-03	.1309E-03	112	-.4524E-03	.1086E-03
113	.5327E-03	.8444E-04	114	-.7231E-03	0.	115	-.7230E-03	.2631E-04	116	-.7194E-03	.5535E-04
117	-.7164E-03	.8709E-04	118	-.7110E-03	.1239E-03	119	-.7028E-03	.1624E-03	120	-.4093E-03	.1870E-03
121	-.5077E-03	.1776E-03	122	-.5155E-03	.1463E-03	123	-.5239E-03	.1148E-03	124	-.8914E-03	0.
125	-.8921E-03	.2274E-04	126	-.8959E-03	.4574E-04	127	-.8991E-03	.7318E-04	128	-.9051E-03	.1038E-03
129	-.9042E-03	.1453E-03	130	-.1019E-02	0.	131	-.1021E-02	.2434E-04	132	-.1031E-02	.8901E-04
133	-.1050E-02	.8095E-04	134	-.1079E-02	.1177E-03	135	-.1141E-02	0.	136	-.1146E-02	.2163E-04
137	-.1156E-02	.4290E-04	138	-.1192E-02	.6307E-04	139	-.1267E-02	.1043E-03	140	-.1261E-02	0.
141	-.1267E-02	0.	142	-.1273E-02	.4004E-04	143	-.1323E-02	.6152E-04	144	-.1461E-02	.9427E-04
145	-.1402E-02	0.	146	-.1417E-02	.1959E-04	147	-.1527E-02	.3890E-04	148	-.1470E-02	.7117E-04
149	-.1555E-02	.9603E-04	150	-.1613E-02	.9216E-04	151	-.1679E-02	0.	152	-.1532E-02	.3303E-04
153	-.1582E-02	.6186E-04	154	-.1659E-02	0.	155	-.1679E-02	.1207E-03	156	-.1751E-02	.1452E-03
157	-.1975E-02	.1478E-03	158	-.1893E-02	.1016E-03	159	-.1875E-02	.5081E-04	160	-.1726E-02	.1022E-03
161	-.1792E-02	.1434E-03	162	-.1893E-02	.1806E-03	163	-.2001E-02	.1950E-03	164	-.2053E-02	.1702E-03
165	-.2059E-02	.1979E-03	166	-.1788E-02	0.	167	-.1815E-02	.8111E-04	168	-.1948E-02	.1486E-03
169	-.2004E-02	.2102E-03	170	-.2083E-02	.2292E-03	171	-.1978E-02	0.	172	-.1998E-02	.7708E-04
173	-.2053E-02	.1535E-03	174	-.2122E-02	.2201E-03	175	-.2160E-02	.2463E-03	176	-.2152E-02	0.
177	-.2168E-02	.7498E-04	178	-.2206E-02	.1393E-03	179	-.2250E-02	.1987E-03	180	-.2275E-02	.2402E-03
181	-.2315E-02	0.	182	-.2327E-02	.1712E-04	183	-.2356E-02	.1395E-03	184	-.2389E-02	.1943E-03
185	-.2407E-02	.2431E-03	186	-.2473E-02	0.	187	-.2481E-02	.8010E-04	188	-.2506E-02	.1495E-03
189	-.2533E-02	.2078E-03	190	-.2550E-02	.2558E-03						

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61	-769	248	252	-116	256	-772	86	-8151	0	55	-444	74	-6155	0	8195	801	27	0	0	61
62	-723	216	273	-2	290	-744	89	-7505	0	470	22	470	-7506	0	7752	758	26	0	0	62
63	-784	218	290	253	354	-756	83	-7451	0	590	7	590	-7668	0	7979	780	25	0	0	63
64	-742	193	339	232	329	-721	83	-7128	0	1027	1028	1298	-7572	0	8298	811	26	0	0	64
65	-708	188	316	232	329	-721	83	-7128	0	1027	1028	1298	-7572	0	8298	811	26	0	0	65
66	-604	148	294	347	327	-656	79	-5989	0	1165	1398	1429	-6253	0	7077	692	22	0	0	66
67	-556	149	246	292	271	-581	79	-5603	0	774	1175	983	-5812	0	6161	622	19	0	0	67
68	-482	127	218	477	291	-556	72	-4850	0	730	1904	1318	-5438	0	6203	606	18	0	0	68
69	-413	122	159	308	198	-452	75	-4256	0	304	1232	616	-4568	0	4905	480	14	0	0	69
70	-345	100	136	311	182	-391	75	-3542	0	289	1244	658	-5911	0	4278	418	12	0	0	70
71	-309	100	101	115	109	-317	82	-3256	0	14	461	78	-3320	0	3360	328	9	0	0	71
72	-277	97	76	131	88	-289	79	-2978	0	159	523	65	-3072	0	3040	297	9	0	0	72
73	-654	239	152	14	152	-654	89	-7151	0	-722	66	-721	-7152	0	6820	667	22	0	0	73
74	-626	234	137	13	137	-626	89	-6880	0	-792	60	-792	-6880	0	6520	638	21	0	0	74
75	-633	232	147	-70	148	-635	87	-6928	0	-697	-292	-683	-6942	0	6627	648	22	0	0	75
76	-654	236	159	-45	160	-654	88	-7139	0	-611	-188	-606	-7145	0	6862	671	24	0	0	76
77	-681	235	189	-117	193	-685	86	-7349	0	-367	-474	-335	-7581	0	7220	706	25	0	0	77
78	-663	221	202	-71	203	-665	87	-7079	0	-140	-280	-128	-7090	0	7027	687	24	0	0	78
79	-688	222	225	-97	227	-690	87	-7276	0	35	-382	55	-7296	0	7324	716	24	0	0	79
80	-715	210	277	15	277	-715	89	-7403	0	551	75	552	-7403	0	7694	752	26	0	0	80
81	-734	211	294	10	294	-734	89	-7546	0	670	57	671	-7547	0	7904	773	25	0	0	81
82	-668	182	289	122	293	-672	86	-6787	0	865	501	898	-6819	0	7310	715	23	0	0	82
83	-655	185	270	122	274	-659	86	-6700	0	866	501	720	-6734	0	7122	696	22	0	0	83
84	-630	167	282	311	308	-656	80	-6158	0	925	1255	1136	-6568	0	7204	704	22	0	0	84
85	-585	167	237	259	257	-605	81	-5994	0	558	1044	721	-6156	0	6547	640	20	0	0	85
86	-504	141	211	289	239	-532	78	-5138	0	560	1164	788	-5367	0	5802	567	18	0	0	86
87	-466	143	169	200	184	-482	81	-4850	0	208	805	333	-4975	0	5150	503	15	0	0	87
88	-414	135	133	282	168	-488	76	-4369	0	7	1130	268	-4644	0	4784	468	14	0	0	88
89	-380	134	100	98	105	-385	84	-4100	0	268	394	238	-4140	0	4031	394	11	0	0	89
90	-370	124	110	77	113	-373	85	-3936	0	110	312	584	-3961	0	3919	383	11	0	0	90
91	-613	221	149	-26	149	-613	88	-6673	0	-593	-110	-591	-6675	0	6400	626	20	0	0	91
92	-626	224	157	-15	157	-626	89	-6804	0	-545	-65	-544	-6804	0	6549	640	21	0	0	92
93	-634	223	167	-68	168	-635	87	-6862	0	-459	-283	-447	-6874	0	6662	651	22	0	0	93
94	-625	218	170	-57	171	-627	87	-6777	0	-380	-236	-371	-6756	0	6578	643	22	0	0	94
95	-642	218	187	-96	189	-645	86	-6885	0	-248	-393	-255	-6908	0	6798	665	23	0	0	95
96	-658	213	214	-54	215	-659	88	-6974	0	23	-216	30	-6981	0	6796	684	24	0	0	96
97	-681	213	236	-79	238	-683	87	-7155	0	191	-313	205	-7168	0	7273	711	24	0	0	97
98	-664	198	250	-11	250	-664	89	-6890	0	429	-38	430	-6891	0	7115	696	23	0	0	98
99	-673	201	253	-6	253	-673	89	-6983	0	420	-19	420	-6983	0	7203	704	23	0	0	99
100	-668	187	277	110	280	-671	86	-6859	0	722	453	749	-6857	0	7260	710	24	0	0	100
101	-654	189	260	109	263	-658	86	-6733	0	570	445	598	-6760	0	7078	692	22	0	0	101
102	-601	168	250	177	259	-610	84	-6134	0	660	719	736	-6209	0	6608	646	21	0	0	102
103	-579	172	220	157	227	-586	84	-5989	0	381	635	433	-6052	0	6285	615	19	0	0	103
104	-535	160	201	255	223	-536	80	-5540	0	331	1026	505	-5715	0	5484	585	18	0	0	104
105	-499	161	163	170	174	-473	82	-4871	0	15	685	103	-5348	0	5400	528	16	0	0	105
106	-463	148	155	167	166	-473	82	-4871	0	59	672	149	-4961	0	5037	492	15	0	0	106
107	-445	149	133	68	135	-447	86	-4739	0	126	273	110	-4755	0	4701	459	14	0	0	107
108	-421	149	110	73	113	-423	86	-4542	0	-306	294	286	-4562	0	4426	433	13	0	0	108
109	-413	213	166	-25	166	-613	89	-6607	0	-386	-104	-384	-6609	0	6425	628	20	0	0	109
110	-605	211	164	-21	164	-605	89	-6525	0	-385	-88	-384	-6526	0	6342	620	20	0	0	110
111	-611	210	171	-62	172	-613	87	-6574	0	-321	-256	-310	-6584	0	6434	629	21	0	0	111
112	-624	210	185	-47	185	-625	88	-6672	0	-202	-195	-196	-6678	0	6581	644	22	0	0	112
113	-640	210	200	-84	202	-642	87	-6801	0	-78	-344	-60	-6818	0	6788	664	22	0	0	113
114	-629	201	210	-56	211	-630	88	-6635	0	77	-226	84	-6643	0	6686	654	22	0	0	114
115	-647	206	217	-58	218	-638	88	-6820	0	92	-234	100	-6828	0	6878	673	22	0	0	115
116	-656	197	245	-4	245	-636	89	-6824	0	391	-12	391	-6824	0	7028	687	23	0	0	116
117	-663	199	248	-2	248	-663	89	-6894	0	397	-3	397	-6894	0	7101	694	23	0	0	117
118	-634	185	249	54	250	-635	88	-6505	0	519	222	526	-6552	0	6830	668	22	0	0	118
119	-623	189	228	58	229	-624	87	-6492	0	311	239	320	-6500	0	6666	652	21	0	0	119
120	-605	177	236	133	233	-612	84	-6247	0	471	622	528	-6304	0	6585	644	21	0	0	120
121	-584	180	209	132	214	-589	85	-6094	0	235	534	279	-6138	0	6283	614	19	0	0	121
122	-542	165	198	149	205	-550	84	-5646	0	264	602	325	-5706	0	5876	574	18	0	0	122
123	-523	170	169	107	173	-528	85	-5530	0	-4	433	29	-5564	0	5579	545	17	0	0	123
124	-494	164	152	146	160	-502	83	-5249	0	-99	588	-33	-5315	0	5299	518	16	0	0	124
125	-477	165	132	52	133	-478	87	-5120	0	-262	209	-253	-5129	0	5007	489	15	0	0	125
126	-472	159	139	39	139	-472	88	-5032	0	-165	160	-160	-5038	0	4959	485	15	0	0	126

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193	-539	186	147	13	147	-539	-49	-5805	0	-324	55	-324	-5805	0	5650	552	17	0	193
194	-539	189	145	8	145	-539	-89	-5814	0	-355	35	-355	-5815	0	5646	552	17	0	194
195	-561	189	165	29	166	-561	-88	-5989	0	-190	120	-187	-5992	0	5900	577	18	0	195
196	-561	184	177	33	177	-562	-88	-5951	0	-54	135	-51	-5954	0	5929	580	18	0	196
197	-577	200	154	-16	158	-577	84	-6213	0	-337	63	-337	-6213	0	6052	592	19	0	197
198	-587	190	154	16	190	-587	-89	-6213	0	-5	68	-5	-6213	0	6211	607	20	0	198
199	-594	197	183	-13	183	-594	89	-6383	0	-106	-55	-105	-6322	0	6270	613	20	0	199
200	-604	195	196	6	196	-604	-89	-6383	0	10	27	10	-6384	0	6369	625	20	0	200
201	-604	196	195	3	195	-604	-89	-6392	0	-4	15	-4	-6392	0	6390	625	20	0	201
202	-609	200	192	-6	192	-609	84	-6464	0	-59	-25	-59	-6464	0	6434	629	20	0	202
203	-625	189	131	0	131	-625	-89	-5701	0	-461	2	-461	-5701	0	5485	536	17	0	203
204	-528	198	115	-14	115	-528	89	-5799	0	-681	-58	-680	-5800	0	5492	537	17	0	204
205	-528	198	115	-30	115	-528	88	-5794	0	-665	-120	-662	-5797	0	5496	537	17	0	205
206	-551	195	145	-11	145	-551	89	-5957	0	-399	-45	-398	-5958	0	5769	564	18	0	206
207	-551	188	158	-14	158	-551	89	-5905	0	-238	-57	-237	-5906	0	5791	566	18	0	207
208	-570	208	137	-59	138	-570	87	-6216	0	-566	-235	-566	-6226	0	5967	583	19	0	208
209	-570	200	152	-73	154	-570	87	-6156	0	-381	-291	-366	-6171	0	5996	586	19	0	209
210	-606	198	183	-35	184	-606	88	-6459	0	-150	-141	-147	-6462	0	6390	625	20	0	210
211	-606	198	183	-21	182	-606	88	-6425	0	-47	-85	-46	-6426	0	6670	626	20	0	211
212	-629	202	207	-49	208	-629	88	-6641	0	-47	-85	-46	-6426	0	6670	626	20	0	212
213	-510	190	113	-3	113	-510	89	-5591	0	-613	-195	-613	-5591	0	5311	519	16	0	213
214	-514	200	97	-21	97	-514	88	-5701	0	-821	-86	-819	-5702	0	5340	522	17	0	214
215	-512	190	115	-55	115	-512	88	-5608	0	-604	-142	-600	-5612	0	5337	522	17	0	215
216	-525	204	98	-66	100	-526	86	-5820	0	-845	-266	-831	-5835	0	5467	534	17	0	216
217	-534	190	137	-57	138	-536	87	-5790	0	-428	-228	-418	-5800	0	5602	548	17	0	217
218	-558	206	127	-121	133	-564	84	-6110	0	-631	-483	-589	-6152	0	5880	575	18	0	218
219	-586	207	152	-90	155	-589	86	-6339	0	-440	-360	-418	-6361	0	6162	602	19	0	219
220	-603	219	147	-178	157	-614	83	-6566	0	-574	-112	-490	-6650	0	6419	628	20	0	220
221	-700	236	207	-105	210	-703	86	-7481	0	-232	-421	-207	-7505	0	7404	724	23	0	221
222	-489	193	86	-19	86	-489	89	-5450	0	-853	-77	-766	-5538	0	5197	508	16	0	222
223	-500	193	97	-19	97	-500	89	-5537	0	-767	-77	-766	-5538	0	5197	508	16	0	223
224	-500	192	98	-51	99	-501	87	-5531	0	-751	-204	-742	-5540	0	5209	509	16	0	224
225	-500	199	85	-65	86	-502	86	-5587	0	-913	-259	-898	-5601	0	5210	509	16	0	225
226	-500	201	80	-168	92	-512	81	-5604	0	-964	-669	-870	-5698	0	5317	520	17	0	226
227	-568	211	127	-147	135	-576	84	-6224	0	-668	-587	-607	-6285	0	6005	587	19	0	227
228	-568	202	147	-188	159	-580	82	-6150	0	-439	-751	-541	-6247	0	6083	595	19	0	228
229	-722	274	149	-339	181	-754	79	-7957	0	-999	-1355	-744	-8212	0	7866	769	25	0	229
230	-476	187	86	-19	86	-476	89	-5294	0	-803	-77	-801	-5296	0	4944	483	15	0	230
231	-481	192	80	-30	81	-481	88	-5376	0	-891	-120	-887	-5379	0	4995	488	15	0	231
232	-481	192	79	-31	79	-481	88	-5380	0	-905	-124	-901	-5384	0	4994	488	15	0	232
233	-466	182	85	-52	86	-467	87	-5177	0	-780	-207	-770	-5186	0	4847	474	15	0	233
234	-466	184	80	-154	91	-476	82	-5193	0	-831	-617	-746	-5279	0	4949	484	15	0	234
235	-522	209	65	-206	102	-539	80	-5842	0	-946	-822	-851	-5978	0	5601	548	17	0	235
236	-522	178	149	-276	177	-550	78	-5598	0	-233	-1104	-15	-5816	0	5809	568	18	0	236
237	-652	268	92	-451	157	-717	74	-7349	0	-1406	-1826	-890	-7865	0	7460	729	23	0	237
238	-452	179	78	-60	80	-454	86	-5643	0	-807	-200	-793	-5056	0	4710	460	15	0	238
239	-481	192	80	-26	80	-481	88	-5372	0	-889	-104	-887	-5374	0	4990	488	15	0	239
240	-481	192	79	-27	79	-481	88	-5376	0	-903	-108	-901	-5379	0	4990	488	15	0	240
241	-413	161	77	-50	78	-414	-66	-4581	0	-669	-224	-656	-4593	0	4303	421	13	0	241
242	-413	136	129	-277	162	-446	76	-4382	0	-56	-1106	-209	-4649	0	4757	465	15	0	242
243	-471	185	85	-169	198	-484	81	-5244	0	-792	-675	-692	-5344	0	5033	492	16	0	243
244	-471	178	99	-307	138	-510	75	-5192	0	-633	-1225	-324	-5501	0	5146	523	17	0	244
245	-431	162	92	-352	146	-485	73	-4742	0	-560	-1404	-132	-5170	0	5105	499	16	0	245
246	-495	228	18	-566	144	-620	66	-5775	0	-1676	-2261	-674	-6777	0	6466	632	20	0	246
247	-401	155	78	-60	80	-403	86	-4842	0	-612	-210	-597	-4836	0	4190	410	13	0	247
248	-367	112	132	-25	132	-367	-88	-3833	0	-152	-101	-155	-3836	0	3916	383	12	0	248
249	-367	121	115	-157	127	-379	80	-3898	0	-45	-626	-53	-3997	0	4024	393	12	0	249
250	-367	121	115	-157	127	-379	80	-3898	0	-45	-626	-53	-3997	0	4024	393	12	0	250
251	-575	214	129	-200	143	-589	82	-6300	0	-679	-799	-567	-6411	0	6147	601	19	0	251
252	-456	160	121	-58	122	-457	87	-4926	0	-316	-231	-305	-4937	0	4792	468	15	0	252
253	-456	171	99	-270	130	-487	77	-5009	0	-573	-1081	-324	-5259	0	5104	499	16	0	253
254	-397	135	114	-185	130	-413	80	-4255	0	-175	-739	-45	-4385	0	4362	426	13	0	254
255	-197	143	98	-303	140	-440	74	-4316	0	-362	-1219	-21	-4657	0	4646	454	14	0	255
256	-240	106	18	-436	142	-264	60	-2765	0	-700	-1730	-290	-3756	0	3309	382	12	0	256
257	-218	101	5	-299	80	-293	63	-2552	0	-768	-1195	-169	-3152	0	3071	300	9	0	257
258	-422	139	132	-17	132	-422	89	-4480	0	-57	-70	-56	-4481	0	4054	435	14	0	258

254	-447	156	162	*25	162	-448	88	*A	-4564	0	205	-449	207	-4666	*	0	4713	467	15	0	0	254
260	-417	145	115	-166	127	-430	81	*	-4489	0	-237	-662	-136	-4590	*	0	4524	442	14	0	0	260
261	-378	115	137	-88	140	-382	85	*	-3946	0	168	-351	198	-3976	*	0	4079	599	13	0	0	261
262	-380	126	121	-68	123	-386	86	*	-4077	0	-41	-274	-22	-4096	*	0	4084	599	13	0	0	262
263	-412	145	114	-209	154	-432	79	*	-4433	0	-235	-834	-73	-4593	*	0	4557	445	14	0	0	263
264	-361	110	131	-140	141	-371	82	*	-3761	0	171	-560	250	-3839	*	0	3970	588	12	0	0	264
265	-361	126	98	-309	145	-408	73	*	-3889	0	-224	-1235	153	-4267	*	0	4345	425	13	0	0	265
266	-271	82	94	-196	123	-295	76	*	-2424	0	133	-783	328	-3018	*	0	3195	312	10	0	0	266
267	-203	94	5	-328	96	-293	61	*	-2379	0	-711	-1312	9	-3100	*	0	3105	303	9	0	0	267
268	-84	14	45	-176	88	-129	63	*	-831	0	191	-703	550	-1190	*	0	1540	150	4	0	0	268
269	-84	34	12	-78	25	-98	70	*	-952	0	-181	-312	-70	-1063	*	0	1029	100	3	0	0	269
270	-410	118	162	-49	163	-411	87	*	-4220	0	349	-197	358	-4228	*	0	4418	442	14	0	0	270
271	-415	121	162	-55	163	-417	87	*	-4290	0	322	-222	333	-4300	*	0	4476	438	14	0	0	271
272	-368	110	137	-120	144	-375	83	*	-3820	0	-209	-480	265	-3877	*	0	4016	393	12	0	0	272
273	-381	118	134	-143	144	-390	82	*	-3983	0	134	-542	212	-4061	*	0	4171	408	13	0	0	273
274	-324	92	131	-196	151	-345	78	*	-3332	0	310	-813	387	-3493	*	0	3752	367	12	0	0	274
275	-324	96	123	-204	145	-347	77	*	-3364	0	210	-813	387	-3541	*	0	3750	366	12	0	0	275
276	-246	70	99	-214	130	-276	74	*	-2527	0	229	-457	474	-2712	*	0	3037	297	9	0	0	276
277	-223	86	43	-250	93	-272	68	*	-2467	0	-338	-988	56	-2863	*	0	2891	282	9	0	0	277
278	-111	35	38	-83	49	-122	75	*	-1170	0	22	-334	110	-1258	*	0	1316	128	4	0	0	278
279	-75	31	9	-95	30	-96	65	*	-855	0	-174	-379	-5	-1025	*	0	1022	100	3	0	0	279
280	-31	10	9	-48	20	-42	65	*	-330	0	-4	-191	84	-419	*	0	467	45	1	0	0	280
281	-381	105	162	-55	163	-383	87	*	-3887	0	453	-220	464	-3898	*	0	4150	406	13	0	0	281
282	-365	101	154	-46	155	-366	87	*	-3723	0	421	-186	430	-3731	*	0	3964	387	12	0	0	282
283	-365	101	152	-118	159	-371	83	*	-3728	0	406	-471	459	-3781	*	0	4030	394	12	0	0	283
284	-318	88	134	-147	146	-330	81	*	-3245	0	373	-586	466	-3338	*	0	3593	351	11	0	0	284
285	-318	93	123	-210	147	-342	77	*	-3290	0	235	-841	425	-3480	*	0	3711	363	11	0	0	285
286	-236	67	95	-156	112	-253	77	*	-2422	0	218	-624	358	-2562	*	0	2759	270	8	0	0	286
287	-236	69	90	-94	97	-242	81	*	-2440	0	164	-378	218	-2494	*	0	2610	255	8	0	0	287
288	-155	56	38	-123	56	-173	73	*	-1686	0	-144	-492	-1	-1829	*	0	1829	178	5	0	0	288
289	-347	94	109	-32	150	-348	88	*	-3528	0	440	-139	444	-3533	*	0	3775	369	12	0	0	289
290	-341	89	154	-42	155	-342	87	*	-3438	0	514	-171	521	-3445	*	0	3733	365	11	0	0	290
291	-341	90	152	-114	159	-347	83	*	-3443	0	498	-456	550	-3495	*	0	3800	371	12	0	0	291
292	-305	84	128	-103	134	-311	83	*	-3116	0	348	-411	396	-3164	*	0	3380	330	10	0	0	292
293	-305	89	118	-117	126	-313	82	*	-3153	0	233	-469	297	-3217	*	0	3376	330	10	0	0	293
294	-256	77	95	-142	108	-270	78	*	-2668	0	139	-569	250	-2779	*	0	2912	285	9	0	0	294
295	-256	79	90	-81	95	-261	83	*	-2686	0	84	-323	121	-2723	*	0	2786	272	8	0	0	295
296	-229	70	83	-60	85	-232	84	*	-2388	0	102	-243	126	-2411	*	0	2477	242	7	0	0	296
297	-325	84	149	-32	150	-326	88	*	-3269	0	524	-129	528	-3274	*	0	3568	349	11	0	0	297
298	-317	83	143	-31	143	-318	88	*	-3201	0	477	-124	481	-3206	*	0	3472	339	11	0	0	298
299	-317	87	135	-64	137	-319	85	*	-3231	0	384	-255	402	-3249	*	0	3468	339	11	0	0	299
300	-300	82	128	-74	131	-303	85	*	-3057	0	567	-295	393	-3083	*	0	3297	322	10	0	0	300
301	-300	87	118	-88	123	-305	84	*	-3095	0	252	-354	289	-3132	*	0	3286	321	10	0	0	301
302	-277	80	109	-75	113	-281	84	*	-2858	0	231	-299	259	-2887	*	0	3025	296	9	0	0	302
303	-277	86	97	-44	98	-278	86	*	-2804	0	88	-177	98	-2915	*	0	2965	290	9	0	0	303
304	-264	87	83	-33	84	-265	86	*	-2804	0	-32	-172	-21	-2815	*	0	2804	274	8	0	0	304
305	-315	74	160	-15	160	-315	89	*	-3114	0	682	-61	683	-3115	*	0	3507	343	11	0	0	305
306	-306	78	143	-7	143	-306	89	*	-3070	0	520	-31	520	-3070	*	0	3361	328	10	0	0	306
307	-306	82	135	-40	136	-307	87	*	-3100	0	427	-163	435	-3107	*	0	3346	327	10	0	0	307
308	-300	77	138	-31	139	-300	87	*	-3015	0	488	-125	492	-3019	*	0	3294	322	10	0	0	308
309	-300	84	116	-33	117	-301	87	*	-3100	0	227	-135	232	-3105	*	0	3228	315	10	0	0	309
310	-287	85	109	-39	110	-288	87	*	-2980	0	191	-156	199	-2987	*	0	3092	302	9	0	0	310
311	-287	91	97	-8	97	-287	89	*	-3026	0	48	-34	49	-3026	*	0	3051	298	9	0	0	311
312	-286	91	95	-8	96	-286	89	*	-3017	0	35	-35	36	-3017	*	0	3035	297	9	0	0	312

0.0000 AND AT TEMPERATURE= 1.0000

MODAL PHASE H-DISPLACEMENT Z-DISPLACEMENT

[illegible]



[illegible]

63	-1021	337	452	36	452	-1021	-89	*	-7610	0	653	120	655	-7611	*	0	7959	774	255	0	0	63
64	-1017	298	514	395	539	-1042	-82	*	-7371	0	1219	1126	1365	-7316	*	0	8284	810	265	0	0	64
65	-959	249	471	362	493	-981	-82	*	-6973	0	1019	1024	1149	-7103	*	0	7742	757	251	0	0	65
66	-824	226	441	516	492	-874	-78	*	-5877	0	1209	1460	1499	-6186	*	0	7036	688	226	0	0	66
67	-750	227	368	431	406	-790	-79	*	-5452	0	792	1216	1021	-5681	*	0	6254	612	203	0	0	67
68	-651	193	325	680	432	-758	-72	*	-4713	0	739	1906	1339	-5313	*	0	6094	596	194	0	0	68
69	-552	186	240	441	297	-610	-75	*	-4114	0	305	1236	628	-4346	*	0	4781	467	156	0	0	69
70	-464	151	210	444	276	-531	-73	*	-3436	0	333	1247	708	-3811	*	0	4211	412	157	0	0	70
71	-414	151	160	184	171	-425	-81	*	-3145	0	56	461	121	-3210	*	0	3273	320	107	0	0	71
72	-369	147	122	184	134	-386	-79	*	-2874	0	-134	514	-40	-2967	*	0	2947	284	97	0	0	72
73	-400	390	238	-38	238	-900	88	*	-7268	0	-884	-116	-882	-7270	*	0	6872	672	218	0	0	73
74	-661	377	222	-30	222	-862	89	*	-6979	0	-893	-90	-692	-6981	*	0	6580	643	209	0	0	74
75	-875	375	238	-122	242	-878	86	*	-7048	0	-786	-355	-766	-7068	*	0	6718	657	212	0	0	75
76	-915	379	272	-80	274	-916	88	*	-7318	0	-596	-235	-588	-7327	*	0	7051	689	219	0	0	76
77	-953	377	313	-174	319	-954	85	*	-7520	0	-359	-509	-323	-7556	*	0	7399	724	231	0	0	77
78	-926	348	336	-97	338	-928	87	*	-7187	0	-55	-272	-44	-7197	*	0	7175	702	225	0	0	78
79	-957	350	365	-129	368	-960	87	*	-7364	0	91	-358	108	-7381	*	0	7436	727	234	0	0	79
80	-1000	330	441	44	442	-1001	-88	*	-7499	0	639	151	642	-7502	*	0	7843	767	246	0	0	80
81	-1015	331	454	45	455	-1015	-89	*	-7561	0	698	141	700	-7563	*	0	7937	776	253	0	0	81
82	-924	282	448	200	455	-981	-85	*	-6772	0	942	575	984	-6815	*	0	7557	719	253	0	0	82
83	-899	287	414	198	422	-906	-85	*	-6646	0	720	567	764	-6689	*	0	7102	694	228	0	0	83
84	-863	259	426	466	467	-904	-79	*	-6289	0	938	1319	1171	-6522	*	0	7180	702	230	0	0	84
85	-794	259	356	366	368	-825	-80	*	-5888	0	543	1090	723	-6068	*	0	6460	632	209	0	0	85
86	-686	216	321	426	364	-729	-78	*	-5046	0	593	1202	839	-5292	*	0	5757	563	185	0	0	86
87	-630	219	260	294	283	-653	-80	*	-4745	0	228	828	362	-4879	*	0	5070	496	164	0	0	87
88	-556	208	206	406	257	-607	-75	*	-4270	0	-7	1140	274	-4556	*	0	4701	460	152	0	0	88
89	-508	207	158	142	166	-516	-83	*	-3996	0	-271	398	-229	-4038	*	0	3928	384	128	0	0	89
90	-466	190	175	112	180	-501	-85	*	-3835	0	-81	317	-54	-3862	*	0	3835	375	125	0	0	90
91	-841	357	237	-44	238	-842	88	*	-6742	0	-688	-129	-685	-6745	*	0	6430	629	205	0	0	91
92	-862	360	252	-30	253	-862	89	*	-6875	0	-613	-89	-612	-6876	*	0	6592	645	209	0	0	92
93	-875	358	268	-117	271	-878	86	*	-6950	0	-516	-338	-498	-6968	*	0	6733	658	213	0	0	93
94	-866	347	279	-94	281	-868	87	*	-6831	0	-380	-270	-368	-6842	*	0	6665	652	210	0	0	94
95	-892	347	303	-150	308	-896	86	*	-6985	0	-249	-230	-222	-7013	*	0	6904	675	217	0	0	95
96	-919	337	349	-77	350	-920	88	*	-7085	0	82	-217	88	-7091	*	0	7136	698	224	0	0	96
97	-948	338	376	-108	379	-950	87	*	-7246	0	225	-301	237	-7258	*	0	7379	722	233	0	0	97
98	-923	310	398	-5	398	-923	89	*	-6946	0	504	-10	504	-6946	*	0	7212	705	228	0	0	98
99	-933	316	398	2	398	-933	-89	*	-7026	0	463	13	463	-7026	*	0	7269	711	231	0	0	99
100	-925	293	429	180	435	-931	-86	*	-6849	0	768	517	803	-6884	*	0	7319	716	232	0	0	100
101	-900	296	399	175	405	-906	-86	*	-6713	0	578	501	612	-6747	*	0	7073	692	226	0	0	101
102	-826	261	385	271	400	-841	-83	*	-6096	0	703	771	789	-6182	*	0	6612	647	211	0	0	102
103	-791	268	338	351	351	-804	-83	*	-5938	0	397	676	469	-6009	*	0	6257	612	201	0	0	103
104	-728	249	308	378	342	-762	-79	*	-5471	0	334	1067	524	-5662	*	0	5941	581	191	0	0	104
105	-675	250	252	268	268	-691	-82	*	-5176	0	6	711	101	-5272	*	0	5323	520	172	0	0	105
106	-628	228	242	246	259	-645	-82	*	-4791	0	77	694	174	-4888	*	0	4978	487	161	0	0	106
107	-601	231	210	200	214	-604	-86	*	-4654	0	-115	282	-94	-4672	*	0	4624	452	150	0	0	107
108	-565	231	175	106	179	-569	-85	*	-4452	0	-312	300	-290	-4474	*	0	4336	424	141	0	0	108
109	-841	341	264	-42	264	-842	88	*	-6651	0	-444	-122	-442	-6653	*	0	6443	630	205	0	0	109
110	-832	337	262	-36	262	-833	89	*	-6578	0	-426	-105	-424	-6580	*	0	6378	624	203	0	0	110
111	-845	336	274	-100	276	-845	87	*	-6635	0	-356	-288	-343	-6648	*	0	6483	634	204	0	0	111
112	-863	334	298	-77	299	-864	88	*	-6739	0	-201	-223	-194	-6746	*	0	6651	650	210	0	0	112
113	-887	334	321	-132	324	-890	86	*	-6880	0	-75	-376	-54	-6901	*	0	6873	672	217	0	0	113
114	-871	316	336	-85	336	-873	87	*	-6684	0	120	-240	128	-6693	*	0	6758	661	214	0	0	114
115	-898	326	345	-84	346	-899	88	*	-6894	0	108	-239	116	-6902	*	0	6961	681	220	0	0	115
116	-913	310	387	1	387	-913	-89	*	-6888	0	440	-4	440	-6888	*	0	7114	696	225	0	0	116
117	-920	314	388	6	388	-920	-89	*	-6940	0	421	23	421	-6940	*	0	7161	700	227	0	0	117
118	-878	289	390	88	391	-880	-87	*	-6562	0	572	253	581	-6571	*	0	6880	673	219	0	0	118
119	-859	298	356	94	358	-861	-87	*	-6501	0	328	270	338	-6512	*	0	6688	654	213	0	0	119
120	-832	277	364	236	375	-844	-84	*	-6229	0	489	671	555	-6295	*	0	6591	644	210	0	0	120
121	-799	282	323	201	332	-808	-84	*	-6058	0	232	572	283	-6110	*	0	6254	612	201	0	0	121
122	-741	257	308	225	320	-753	-83	*	-5595	0	290	457	358	-5653	*	0	5851	572	184	0	0	122
123	-713	265	265	161	272	-719	-85	*	-5478	0	0	457	38	-5516	*	0	5536	541	178	0	0	123
124	-670	256	237	216	250	-682	-83	*	-5184	0	-107	612	-34	-5257	*	0	5240	512	169	0	0	124
125	-649	258	209	77	211	-649	-87	*	-5050	0	-275	219	-265	-5060	*	0	4932	482	160	0	0	125
126	-638	248	220	59	221	-639	-87	*	-4961	0	-157	168	-152	-4967	*	0	4893	478	158	0	0	126
127	-831	322	286	-23	287	-832	89	*	-6486	0	-202	-66	-202	-6486	*	0	6388	625	203	0	0	127
128	-814	321	270	-27	271	-814	89	*	-6382	0	-290	-79	-289	-6383	*	0	6243	610	199	0	0	128

133	-840	327	286	-87	288	-842	57	-6567	0	-232	-250	-222	-6576	*	0	6468	632	206	0	0	133
134	-824	314	298	-64	299	-830	87	-6430	0	-40	-184	-84	-6735	*	0	6493	625	203	0	0	134
139	-873	322	328	-91	330	-874	87	-6726	0	36	-261	46	-6736	*	0	6754	661	214	0	0	139
140	-832	315	298	-80	299	-833	87	-6450	0	-97	-229	-89	-6458	*	0	6414	627	204	0	0	140
145	-880	307	360	-49	361	-861	88	-6682	0	302	-154	305	-6685	*	0	6442	669	217	0	0	145
146	-868	319	328	-83	329	-869	88	-6681	0	52	-235	60	-6689	*	0	6719	657	213	0	0	146
152	-852	302	341	78	343	-854	88	-6487	0	220	225	228	-6495	*	0	6612	647	211	0	0	152
153	-876	301	366	-67	367	-877	88	-6624	0	369	192	374	-6630	*	0	6824	667	217	0	0	153
154	-876	305	360	-69	360	-876	89	-6645	0	315	-25	315	-6645	*	0	6808	666	216	0	0	154
162	-865	283	220	57	221	-866	88	-5199	0	-246	161	-277	-5360	*	0	5088	497	164	0	0	162
163	-883	273	223	50	223	-866	88	-5356	0	-281	142	-277	-5360	*	0	5227	511	174	0	0	163
164	-596	259	254	141	263	-701	-85	-5346	0	-2	399	26	-5376	*	0	5589	527	174	0	0	164
165	-731	282	255	102	257	-733	-86	-5677	0	-153	290	-137	-5692	*	0	5624	550	181	0	0	165
166	-753	297	295	114	298	-752	-84	-5734	0	157	558	210	-5786	*	0	5495	576	149	0	0	166
167	-797	297	295	124	298	-810	-86	-6147	0	-15	326	2	-6164	*	0	6300	616	201	0	0	167
168	-806	275	341	129	345	-810	-86	-6072	0	375	367	395	-6093	*	0	6260	612	200	0	0	168
129	-814	310	289	-27	289	-814	89	-6320	0	-124	-74	-123	-6321	*	0	6133	604	197	0	0	129
130	-798	304	283	-20	283	-798	89	-6190	0	-117	-57	-117	-6191	*	0	6145	601	196	0	0	130
131	-798	297	295	-3	295	-798	89	-6149	0	-7	-9	-7	-6149	*	0	5855	572	188	0	0	131
132	-761	286	278	-13	278	-761	89	-5877	0	-44	-38	-44	-5877	*	0	6418	628	204	0	0	132
135	-829	310	304	-55	305	-830	88	-6408	0	-31	-158	-27	-6412	*	0	6398	626	204	0	0	135
136	-802	294	295	-35	294	-803	88	-6231	0	-132	-150	-129	-6234	*	0	6171	603	197	0	0	136
137	-802	294	295	-35	294	-802	89	-6189	0	-22	-101	-21	-6191	*	0	6180	604	197	0	0	137
138	-775	288	288	-22	288	-775	89	-5970	0	1	-63	2	-5970	*	0	5971	584	191	0	0	138
141	-832	311	304	-71	306	-833	88	-6427	0	-39	-204	-32	-6434	*	0	6418	628	204	0	0	141
142	-816	303	304	-61	304	-817	88	-6293	0	3	-174	8	-6298	*	0	6302	616	201	0	0	142
143	-816	302	305	-35	305	-817	89	-6288	0	17	-100	18	-6289	*	0	6299	616	201	0	0	143
144	-789	296	288	-34	288	-790	89	-6098	0	-45	-98	-44	-6100	*	0	6078	594	194	0	0	144
147	-848	305	332	-64	333	-849	88	-6486	0	157	-181	162	-6491	*	0	6573	643	209	0	0	147
148	-849	313	320	-68	321	-850	88	-6534	0	39	-196	45	-6540	*	0	6562	642	208	0	0	148
149	-822	307	304	-64	304	-823	88	-6348	0	-16	-184	-11	-6353	*	0	6347	621	202	0	0	149
150	-822	306	305	-38	305	-823	89	-6342	0	-3	-110	-40	-6256	*	0	6344	620	202	0	0	150
151	-813	299	306	-30	307	-813	89	-6254	0	39	-86	40	-6256	*	0	6276	614	200	0	0	151
155	-866	307	346	-1	346	-866	89	-6597	0	218	-3	218	-6597	*	0	6709	656	213	0	0	155
156	-866	312	337	-32	337	-866	89	-6627	0	139	-91	140	-6629	*	0	6700	655	213	0	0	156
157	-848	305	332	-45	333	-849	88	-6484	0	157	-129	160	-6486	*	0	6568	642	209	0	0	157
158	-835	305	320	-45	320	-836	88	-6413	0	84	-129	86	-6415	*	0	6459	632	205	0	0	158
159	-848	311	322	-36	322	-848	89	-6520	0	60	-102	62	-6522	*	0	6453	641	208	0	0	159
160	-835	309	313	-24	313	-836	89	-6435	0	23	-69	24	-6436	*	0	6553	641	208	0	0	160
161	-829	309	306	-25	306	-829	89	-6396	0	-12	-73	-11	-6397	*	0	6448	631	205	0	0	161
169	-838	313	308	-63	309	-839	88	-6473	0	-32	181	-27	-6478	*	0	6391	625	203	0	0	169
170	-838	291	346	59	346	-839	88	-6344	0	311	172	315	-6349	*	0	6464	632	206	0	0	170
178	-694	279	223	45	223	-695	-88	-5453	0	-118	129	-114	-5456	*	0	5306	519	171	0	0	178
179	-702	276	235	44	235	-702	-88	-5481	0	-231	127	-228	-5484	*	0	5373	525	173	0	0	179
180	-737	285	255	105	257	-740	-86	-5735	0	-174	299	-158	-5751	*	0	5673	555	182	0	0	180
181	-744	285	263	80	264	-745	-87	-5769	0	-123	228	-113	-5778	*	0	5722	559	184	0	0	181
182	-783	281	289	105	297	-786	-87	-5769	0	31	299	46	-6034	*	0	6034	592	194	0	0	182
183	-847	312	308	97	310	-847	-89	-6514	0	150	277	163	-5987	*	0	6071	594	194	0	0	183
171	-847	312	319	29	319	-847	-89	-6514	0	36	85	37	-6515	*	0	6534	639	208	0	0	171
172	-840	300	337	9	337	-844	-89	-6431	0	211	29	21	-6431	*	0	6539	634	206	0	0	172
173	-840	308	319	0	319	-840	-89	-6431	0	60	29	2	-6431	*	0	6482	634	206	0	0	173
174	-840	310	316	-12	316	-840	89	-6461	0	34	-36	34	-6461	*	0	6479	633	206	0	0	174
175	-839	306	322	-14	322	-839	89	-6400	0	89	-54	90	-6441	*	0	6476	634	206	0	0	175
176	-839	311	313	-9	313	-839	89	-6470	0	10	-27	10	-6470	*	0	6476	633	206	0	0	176
177	-844	312	316	-12	316	-844	89	-6502	0	21	-34	22	-6503	*	0	6514	637	207	0	0	177
185	-814	313	280	41	281	-811	-88	-6313	0	-187	118	-185	-6316	*	0	6225	609	199	0	0	185
186	-824	293	319	51	319	-814	-88	-6213	0	147	148	-150	-6217	*	0	6293	615	201	0	0	186
187	-829	302	319	21	319	-829	-89	-6356	0	-58	60	-58	-6375	*	0	6346	621	202	0	0	187
188	-833	309	310	-4	310	-833	-89	-6422	0	95	61	96	-6356	*	0	6405	626	204	0	0	188
189	-836	307	316	1	316	-836	-89	-6427	0	47	6	47	-6427	*	0	6451	631	205	0	0	189
190	-838	313	309	-4	309	-838	89	-6467	0	-22	-24	-22	-6467	*	0	6456	631	205	0	0	190
191	-849	296	234	1	234	-849	89	-6544	0	6	-2	6	-6544	*	0	6547	640	208	0	0	191
192	-714	296	213	1	213	-714	-89	-5666	0	-466	62	-466	-5666	*	0	5448	533	175	0	0	192
193	-735	296	235	21	235	-735	-89	-5787	0	-344	62	-344	-5787	*	0	5623	550	181	0	0	193
194	-735	297	234	14	234	-735	-89	-5790	0	-352	42	-352	-5791	*	0	5623	550	180	0	0	194

195	-767	298	263	47	263	-767	-68	-5919	0	-201	135	-197	-5982	*	0	5886	575	189	0	0	195
196	-768	288	280	52	281	-768	-88	-5927	0	-44	151	-41	-5931	*	0	5910	578	189	0	0	196
197	-792	318	254	-20	254	-792	89	-5927	0	-356	-55	-356	-6231	*	0	6061	593	194	0	0	197
198	-806	300	300	28	300	-807	89	-6212	0	0	81	1	-6213	*	0	6214	608	194	0	0	198
199	-817	311	292	-17	292	-817	89	-6338	0	-104	-47	-104	-6338	*	0	6408	627	204	0	0	199
200	-831	308	310	12	310	-831	89	-6400	0	14	56	14	-6401	*	0	6412	627	204	0	0	200
201	-832	309	309	6	309	-832	89	-6415	0	-2	14	-2	-6415	*	0	6412	627	204	0	0	201
202	-839	316	304	-8	304	-839	89	-6497	0	-65	-23	-65	-6497	*	0	6484	632	206	0	0	202
203	-715	297	213	1	213	-715	89	-5792	0	-471	0	-471	-5674	*	0	5459	534	175	0	0	203
204	-719	313	190	-19	190	-719	89	-5792	0	-692	-53	-691	-5793	*	0	5470	536	175	0	0	204
205	-719	312	192	-41	192	-719	88	-5786	0	-675	-115	-673	-5788	*	0	5485	536	176	0	0	205
206	-753	307	234	-12	234	-753	89	-5954	0	-413	-34	-413	-5454	*	0	5759	563	184	0	0	206
207	-753	295	254	-18	254	-753	89	-5884	0	-228	-49	-228	-5885	*	0	5774	565	185	0	0	207
208	-781	329	225	-80	225	-782	87	-6231	0	-384	-290	-369	-6240	*	0	5973	584	191	0	0	208
209	-781	315	247	-103	250	-783	87	-6155	0	-156	-134	-153	-6478	*	0	5994	586	192	0	0	209
210	-833	320	292	-48	292	-833	88	-6475	0	-43	-83	-42	-6433	*	0	6402	626	204	0	0	210
211	-833	312	304	-70	304	-833	89	-6432	0	-59	-198	-65	-6674	*	0	6706	656	214	0	0	211
212	-868	318	329	-70	330	-868	88	-6668	0	-612	-12	-612	-5577	*	0	5298	518	170	0	0	212
213	-695	299	190	-4	190	-695	89	-5537	0	-831	-82	-830	-5704	*	0	5321	520	170	0	0	213
214	-700	315	167	-29	167	-700	89	-5592	0	-857	-257	-844	-5838	*	0	5465	534	175	0	0	214
215	-697	299	192	-49	192	-697	88	-5592	0	-831	-82	-830	-5704	*	0	5321	520	170	0	0	215
216	-715	322	170	-92	172	-717	87	-5825	0	-857	-257	-844	-5838	*	0	5465	534	175	0	0	216
217	-729	298	225	-78	226	-731	87	-5766	0	-632	-472	-592	-6154	*	0	5880	575	188	0	0	217
218	-763	325	213	-168	220	-770	85	-6114	0	-449	-357	-427	-6350	*	0	6147	601	197	0	0	218
219	-800	327	247	-127	251	-804	86	-6328	0	-583	-716	-498	-6660	*	0	6425	628	205	0	0	219
220	-825	345	241	-255	256	-840	83	-6576	0	-260	-428	-235	-7546	*	0	5073	496	162	0	0	220
221	-963	375	329	-152	333	-968	86	-7521	0	-855	-76	-853	-7546	*	0	5073	496	162	0	0	221
222	-666	304	152	-27	152	-666	89	-5545	0	-769	-75	-768	-5538	*	0	5206	509	166	0	0	222
223	-682	304	167	-26	167	-682	89	-5536	0	-918	-251	-905	-5593	*	0	5206	509	166	0	0	223
224	-682	303	170	-71	171	-683	87	-5528	0	-963	-661	-870	-5689	*	0	5308	519	170	0	0	224
225	-680	314	150	-90	152	-697	82	-5596	0	-672	-586	-611	-6281	*	0	5998	586	192	0	0	225
226	-680	317	145	-236	161	-697	82	-5596	0	-414	-769	-312	-6225	*	0	6074	594	194	0	0	226
227	-775	333	213	-273	260	-793	82	-6123	0	-1071	-1348	-819	-8260	*	0	7882	771	252	0	0	227
228	-775	316	241	-40	241	-793	79	-8007	0	-1071	-1348	-819	-8260	*	0	7882	771	252	0	0	228
229	-988	438	247	-480	292	-1033	79	-8007	0	-797	-76	-796	-5892	*	0	4943	483	158	0	0	229
230	-648	294	152	-37	152	-649	89	-5291	0	-905	-120	-901	-5380	*	0	4991	488	160	0	0	230
231	-654	303	142	-43	142	-655	88	-5377	0	-918	-124	-914	-5385	*	0	4991	488	160	0	0	231
232	-654	304	140	-44	141	-655	88	-5382	0	-918	-124	-914	-5385	*	0	4991	488	160	0	0	232
233	-654	286	150	-73	152	-656	87	-5170	0	-809	-617	-724	-5272	*	0	4950	484	158	0	0	233
234	-634	289	145	-220	160	-649	82	-5187	0	-809	-617	-724	-5272	*	0	4950	484	158	0	0	234
235	-713	332	152	-291	176	-737	80	-5868	0	-152	-1109	-67	-5764	*	0	5798	567	186	0	0	235
236	-713	275	247	-395	286	-752	78	-5545	0	-1011	-818	-876	-6002	*	0	5798	567	186	0	0	236
237	-886	428	162	-82	158	-918	86	-5037	0	-1496	-1814	-982	-7847	*	0	7454	729	239	0	0	237
238	-614	283	136	-82	142	-654	88	-5373	0	-903	-106	-901	-5376	*	0	4987	487	154	0	0	238
239	-654	303	140	-39	141	-654	88	-5378	0	-916	-109	-914	-5381	*	0	4987	487	154	0	0	239
240	-654	304	140	-39	141	-654	88	-5378	0	-916	-109	-914	-5381	*	0	4987	487	154	0	0	240
241	-564	254	133	68	135	-565	87	-4597	0	-680	-189	-671	-4606	*	0	4310	421	157	0	0	241
242	-564	210	208	-389	254	-610	76	-4543	0	-10	-1091	-249	-4603	*	0	4732	463	152	0	0	242
243	-644	291	152	-244	170	-662	81	-5250	0	-650	-1215	-346	-5504	*	0	5049	494	161	0	0	243
244	-644	282	166	-433	221	-648	75	-5199	0	-780	-686	-677	-5553	*	0	5339	522	171	0	0	244
245	-585	250	162	-502	239	-662	73	-4690	0	-1775	-2247	-778	-6842	*	0	6487	634	207	0	0	245
246	-673	367	52	-800	229	-650	66	-5845	0	-1775	-2247	-778	-6842	*	0	6487	634	207	0	0	246
247	-549	244	136	-82	139	-551	86	-4456	0	-184	-47	-186	-5805	*	0	4206	411	154	0	0	247
248	-503	175	207	31	208	-503	88	-3803	0	-28	-618	-68	-5980	*	0	4014	392	128	0	0	248
249	-503	189	183	-220	201	-520	81	-3883	0	-28	-618	-68	-5980	*	0	4014	392	128	0	0	249
250	-503	189	183	-220	201	-520	81	-3883	0	-28	-618	-68	-5980	*	0	4014	392	128	0	0	250
251	-503	189	183	-220	201	-520	81	-3883	0	-28	-618	-68	-5980	*	0	4014	392	128	0	0	251
252	-623	254	194	-88	197	-626	86	-4826	0	-583	-1071	-337	-5265	*	0	4787	468	153	0	0	252
253	-623	270	166	-382	210	-667	77	-5019	0	-583	-1071	-337	-5265	*	0	5104	499	163	0	0	253
254	-542	213	182	-267	206	-566	79	-4239	0	-168	-751	-33	-4373	*	0	4357	426	139	0	0	254
255	-542	227	158	-432	220	-604	74	-4320	0	-384	-1214	-40	-4665	*	0	4645	454	148	0	0	255
256	-326	162	52	-617	225	-499	60	-2741	0	-615	-1732	-354	-3710	*	0	3900	381	125	0	0	256
257	-295	161	21	-429	129	-403	63	-2568	0	-788	-1205	-180	-3176	*	0	4446	435	142	0	0	257
258	-578	219	207	-25	207	-578	89	-4478	0	-67	-70	-66	-4479	*	0	4758	465	152	0	0	258
259	-614	215	250	-35	250	-614	88	-4653	0	-196	-99	-198	-4656	*	0	4758	465	152	0	0	259
260	-572	230	183	-229	201	-569	81	-4506	0	-260	-644	-165	-4601	*	0	4521	442	144	0	0	260

DATA DOCUMENTS, INC.

261	-519	141	213	-123	214	-524	85	-3933	0	177	-447	204	-3462	0	4049	594	130	0	0	261
262	-528	197	194	-98	198	-531	86	-4076	0	-15	-215	5	-4095	0	4097	400	131	0	0	262
263	-567	227	182	-293	210	-594	79	-4460	0	-250	-621	-94	-4815	0	4568	447	146	0	0	263
264	-446	172	204	-200	218	-510	82	-3751	0	178	-562	257	-3430	0	3966	348	127	0	0	264
265	-496	149	154	-436	224	-562	73	-3905	0	-229	-1223	140	-4275	0	4347	425	159	0	0	265
266	-370	127	154	-282	190	-466	75	-2794	0	152	-793	352	-2994	0	3185	311	102	0	0	266
267	-277	151	21	-463	147	-403	61	-2405	0	-727	-1298	632	-1164	0	3102	303	99	0	0	267
268	-116	25	72	-257	137	-181	63	-798	0	266	-724	196	-4226	0	1579	154	49	0	0	268
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178	-856	369	295	59	296	-857	-88	-5426	0	-329	133	-326	-5430	0	5274	516	337	0	0	178
179	-866	364	313	54	313	-867	-88	-5451	0	0	228	132	-5454	0	5546	523	341	0	0	179
180	-912	378	337	137	341	-916	-86	-5722	0	-183	310	-166	-5739	0	5657	553	360	0	0	180
181	-921	376	349	105	351	-923	-87	-5751	0	-119	239	-109	-5761	0	5707	558	363	0	0	181
182	-972	382	390	138	393	-975	-87	-6012	0	33	313	49	-6028	0	6053	592	384	0	0	182
183	-972	371	407	128	410	-975	-87	-6012	0	165	290	174	-5972	0	6064	593	384	0	0	183
171	-1054	415	422	40	422	-1054	-89	-6540	0	29	94	51	-6541	0	6557	641	413	0	0	171
172	-1051	397	447	14	447	-1051	-89	-6441	0	226	35	226	-6441	0	6557	641	413	0	0	172
173	-1045	409	422	2	422	-1045	-89	-6464	0	60	6	60	-6468	0	6499	635	410	0	0	173
174	-1045	411	419	-16	419	-1045	89	-6479	0	34	-35	34	-6479	0	6497	635	409	0	0	174
175	-1045	406	427	-24	427	-1045	89	-6457	0	96	-54	97	-6458	0	6507	636	410	0	0	175
176	-1045	413	415	-12	416	-1045	89	-6492	0	11	-27	11	-6492	0	6498	635	409	0	0	176
177	-1051	414	419	-15	420	-1051	89	-6528	0	23	-23	23	-6529	0	6340	639	411	0	0	177
184	-1006	417	372	56	372	-1007	-88	-6330	0	-203	128	-201	-6333	0	6235	610	394	0	0	184
185	-1011	387	422	69	423	-1011	-88	-6209	0	159	157	163	-6213	0	6296	616	398	0	0	185
186	-1024	412	398	29	398	-1025	-89	-6389	0	-64	67	-63	-6390	0	6358	622	401	0	0	186
187	-1031	400	422	29	422	-1031	-89	-6362	0	101	68	102	-6363	0	6415	627	405	0	0	187
188	-1036	410	412	4	412	-1036	-89	-6438	0	6	11	49	-6443	0	6441	630	406	0	0	188
189	-1040	408	419	3	419	-1040	-89	-6440	0	49	8	49	-6440	0	6466	632	408	0	0	189
190	-1042	415	410	-11	410	-1042	89	-6487	0	-24	-25	-24	-6487	0	6475	633	408	0	0	190
191	-1057	418	419	-1	419	-1057	89	-6571	0	5	-2	5	-6571	0	6574	643	413	0	0	191
192	-862	392	286	1	286	-862	-89	-5650	0	-471	4	-471	-5650	0	5429	531	345	0	0	192
193	-910	392	313	29	313	-910	-89	-5776	0	-357	66	-356	-5777	0	5607	548	356	0	0	193
194	-910	392	313	20	313	-910	-89	-5775	0	-552	47	-551	-5775	0	5608	548	356	0	0	194

195	-950	395	349	63	350	-951	-88	-5973	0	-208	143	-204	-5977	*	0	5877	575	373	0	195
196	-951	381	372	70	373	-952	-88	-5911	0	-58	160	-53	-5915	*	0	5898	571	374	0	196
197	-952	340	340	-23	340	-953	-88	-6243	0	-369	150	-368	-6243	*	0	5867	593	384	0	197
198	-1001	397	398	38	398	-1001	-89	-6212	0	5	89	6	-6213	*	0	6216	616	393	0	198
199	-1015	412	398	-20	398	-1015	-89	-6308	0	-104	-44	-103	-6308	*	0	6297	616	398	0	199
200	-1033	408	412	17	412	-1033	-89	-6410	0	16	41	17	-6411	*	0	6419	628	405	0	200
201	-1034	410	410	8	410	-1034	-89	-6425	0	-1	20	-0	-6425	*	0	6425	628	405	0	201
202	-1044	420	404	-10	404	-1044	-89	-6517	0	-70	-22	-70	-6517	*	0	6462	634	409	0	202
203	-884	393	286	1	286	-884	-89	-5665	0	-477	4	-477	-5665	*	0	5443	532	346	0	203
204	-889	415	258	-23	258	-889	-89	-5788	0	-899	-50	-696	-5788	*	0	5472	535	347	0	204
205	-889	415	260	-51	261	-889	-88	-5781	0	-882	-111	-619	-5783	*	0	5475	535	347	0	205
206	-933	407	513	-13	513	-933	-89	-5952	0	-822	-27	-822	-5952	*	0	5763	563	366	0	206
207	-933	390	540	-20	540	-933	-89	-5870	0	-821	-43	-821	-5671	*	0	5763	563	366	0	207
208	-967	436	303	-98	303	-967	-87	-6200	0	-386	-290	-371	-6169	*	0	5941	584	378	0	208
209	-967	418	531	-131	534	-967	-87	-6154	0	-159	-131	-157	-6487	*	0	6410	627	405	0	209
210	-1034	424	388	-59	389	-1034	-88	-6485	0	-40	-82	-39	-6437	*	0	6417	627	406	0	210
211	-1034	414	404	-37	405	-1034	-89	-6436	0	-71	-200	77	-6690	*	0	6729	658	424	0	211
212	-1080	422	437	-89	439	-1080	-88	-6684	0	-611	-12	-611	-5569	*	0	5290	517	335	0	212
213	-859	395	258	-5	258	-859	-89	-5569	0	-838	-79	-836	-5705	*	0	5316	522	338	0	213
214	-866	418	230	-36	230	-866	-89	-5703	0	-602	-136	-598	-5885	*	0	5312	519	337	0	214
215	-862	396	260	-61	261	-862	-88	-5582	0	-865	-252	-852	-5841	*	0	5465	534	346	0	215
216	-884	428	233	-114	236	-884	-87	-5828	0	-401	-214	-393	-5759	*	0	5573	545	354	0	216
217	-902	394	303	-97	305	-902	-87	-5751	0	-633	-466	-594	-6155	*	0	5881	575	372	0	217
218	-945	431	289	-210	298	-945	-85	-6116	0	-454	-355	-435	-6342	*	0	6137	600	389	0	218
219	-990	433	331	-160	336	-990	-86	-6321	0	-589	-719	-693	-6666	*	0	6429	629	407	0	219
220	-1023	458	326	-323	345	-1023	-83	-6581	0	-855	-76	-854	-5443	*	0	5070	496	321	0	220
221	-1197	499	437	-194	443	-1197	-86	-7547	0	-770	-74	-769	-5538	*	0	5196	508	329	0	221
222	-822	402	210	-34	210	-822	-89	-5536	0	-743	-198	-743	-5534	*	0	5205	509	330	0	222
223	-843	403	230	-33	230	-843	-89	-5526	0	-921	-247	-908	-5586	*	0	5194	508	329	0	223
224	-843	401	233	-89	235	-843	-87	-5526	0	-961	-657	-870	-5683	*	0	5302	518	336	0	224
225	-840	415	208	-112	211	-840	-86	-5575	0	-674	-585	-613	-6277	*	0	5994	586	380	0	225
226	-840	419	202	-296	223	-840	-82	-5592	0	-398	-780	-294	-6209	*	0	6068	593	385	0	226
227	-959	440	289	-264	302	-959	-82	-6105	0	-1118	-1343	-867	-8291	*	0	7894	772	499	0	227
228	-959	416	326	-350	349	-959	-80	-6210	0	-793	-76	-792	-5290	*	0	4942	483	313	0	228
229	-1223	584	335	-605	391	-1223	-79	-8040	0	-913	-121	-910	-5381	*	0	4988	488	316	0	229
230	-802	389	210	-34	210	-802	-89	-5289	0	-925	-124	-922	-5386	*	0	4845	474	307	0	230
231	-808	402	197	-54	197	-808	-88	-5378	0	-795	-206	-745	-5175	*	0	4950	484	313	0	231
232	-808	403	195	-56	196	-808	-88	-5383	0	-1026	-815	-893	-6019	*	0	5625	550	355	0	232
233	-784	379	208	-93	210	-784	-87	-5165	0	-99	-113	-120	-5129	*	0	5790	566	367	0	233
234	-784	382	202	-277	222	-784	-80	-5182	0	-1554	-1407	-1041	-7918	*	0	7452	729	472	0	234
235	-882	441	211	-367	241	-882	-82	-5508	0	-831	-227	-819	-5046	*	0	4690	458	297	0	235
236	-882	360	335	-501	384	-882	-82	-5508	0	-912	-107	-909	-5377	*	0	4984	487	316	0	236
237	-1094	571	225	-815	340	-1094	-74	-7404	0	-924	-110	-921	-5342	*	0	4985	487	316	0	237
238	-759	375	188	-102	191	-759	-86	-5033	0	-687	-168	-680	-4616	*	0	4316	422	273	0	238
239	-808	402	197	-48	197	-808	-88	-5379	0	-20	-1081	-274	-4575	*	0	4717	461	300	0	239
240	-808	403	195	-54	196	-808	-87	-4609	0	-809	-787	-700	-6490	*	0	6170	603	390	0	240
241	-698	338	143	78	185	-698	-76	-4318	0	-17	-613	78	-3969	*	0	4009	392	254	0	241
242	-698	376	279	-488	336	-698	-76	-4318	0	-809	-787	-700	-6490	*	0	6170	603	390	0	242
243	-797	385	211	-511	234	-797	-81	-5253	0	-344	-258	-330	-4940	*	0	4783	468	303	0	243
244	-797	375	226	-545	294	-797	-81	-5205	0	-589	-1066	-345	-5268	*	0	5104	499	323	0	244
245	-722	328	225	-636	322	-722	-75	-4655	0	-163	-259	-26	-4365	*	0	4352	425	276	0	245
246	-831	491	82	-1008	305	-831	-66	-5892	0	-348	-1216	-52	-4670	*	0	4644	454	294	0	246
247	-680	323	188	-102	191	-680	-86	-4465	0	-559	-227	-586	-4479	*	0	4216	412	266	0	247
248	-623	230	274	37	275	-623	-88	-4784	0	-204	79	205	-3785	*	0	3892	380	247	0	248
249	-623	249	244	-277	266	-623	-81	-3874	0	-17	-613	78	-3969	*	0	4009	392	254	0	249
250	-623	249	244	-277	266	-623	-81	-3874	0	-809	-787	-700	-6490	*	0	6170	603	390	0	250
251	-976	458	279	-355	303	-976	-82	-4925	0	-344	-258	-330	-4940	*	0	4783	468	303	0	251
252	-772	337	260	-115	263	-772	-75	-4925	0	-589	-1066	-345	-5268	*	0	5104	499	323	0	252
253	-772	358	266	-481	281	-772	-77	-5025	0	-163	-259	-26	-4365	*	0	4352	425	276	0	253
254	-671	261	244	-341	275	-671	-79	-4228	0	-348	-1216	-52	-4670	*	0	4644	454	294	0	254
255	-402	211	82	-779	290	-402	-61	-2722	0	-559	-1727	397	-3679	*	0	3693	360	247	0	255
256	-364	215	36	-544	173	-364	-63	-2579	0	-800	-1211	-187	-3193	*	0	3103	303	195	0	256
257	-364	215	36	-544	173	-364	-63	-2579	0	-74	-71	-73	-4477	*	0	4441	434	281	0	257
258	-717	291	274	-51	275	-717	-89	-4476	0	190	-99	192	-4649	*	0	4748	464	301	0	258
259	-762	285	328	-44	329	-762	-88	-4646	0	-275	-632	-183	-4609	*	0	4520	442	286	0	259
260	-710	306	244	-286	265	-710	-81	-4517	0	-275	-632	-183	-4609	*	0	4520	442	286	0	260

261	-645	239	280	-155	287	-651	85	* -5925	0	182	-544	211	-3954	*	0	4064	347	254	0	261
262	-656	260	260	-124	264	-660	86	* -4075	0	0	-276	19	-4093	*	0	4103	401	254	0	262
263	-704	302	244	-167	278	-734	74	* -4478	0	-261	-413	-110	-4629	*	0	4575	447	289	0	263
264	-615	228	269	-253	287	-633	81	* -3745	0	183	-563	262	-3824	*	0	3962	387	251	0	264
265	-615	265	212	-348	245	-698	73	* -3914	0	-232	-1216	132	-4280	*	0	4344	425	275	0	265
266	-454	167	204	-359	249	-504	75	* -2775	0	165	-799	368	-2978	*	0	3179	311	202	0	266
267	-342	201	36	-582	194	-500	61	* -2421	0	-737	-1240	38	-3170	*	0	3101	303	196	0	267
268	-144	30	98	-328	181	-227	63	* -775	0	313	-736	685	-1147	*	0	1603	156	49	0	268
269	-144	75	24	-148	57	-171	64	* -982	0	-205	-333	375	-4224	*	0	1067	104	66	0	269
270	-703	246	328	-87	330	-704	87	* -4216	0	367	-195	311	-4306	*	0	4472	432	280	0	270
271	-712	255	323	-101	326	-714	87	* -4297	0	300	-226	575	-4306	*	0	4472	432	280	0	271
272	-628	228	280	-216	293	-640	83	* -3802	0	233	-479	249	-3458	*	0	4011	392	263	0	272
273	-650	244	271	-259	289	-668	82	* -3997	0	91	-575	171	-4077	*	0	4165	407	264	0	273
274	-555	188	269	-352	305	-541	78	* -3302	0	363	-816	522	-3461	*	0	3740	366	237	0	274
275	-555	202	247	-367	287	-595	77	* -3368	0	190	-816	374	-3546	*	0	3036	297	192	0	275
276	-422	143	204	-381	257	-475	74	* -2511	0	273	-846	510	-2748	*	0	2901	283	183	0	276
277	-381	185	98	-441	184	-208	74	* -2527	0	-395	-979	157	-1231	*	0	1317	128	83	0	277
278	-187	69	82	-156	103	-166	64	* -882	0	63	-349	157	-1231	*	0	1317	128	83	0	278
279	-130	67	28	-166	64	-166	64	* -353	0	-170	-368	-13	-1038	*	0	1031	100	65	0	279
280	-58	19	28	-95	29	-79	66	* -589	0	46	-217	142	-449	*	0	534	52	31	0	280
281	-656	219	323	-87	326	-659	87	* -3721	0	466	-214	476	-3900	*	0	4159	406	263	0	281
282	-626	211	304	-85	306	-628	87	* -3721	0	412	-191	420	-3729	*	0	3957	387	251	0	282
283	-626	213	301	-213	314	-638	83	* -3729	0	391	-474	405	-3783	*	0	4024	393	255	0	283
284	-546	181	271	-262	291	-567	81	* -3233	0	400	-582	491	-3524	*	0	3595	351	227	0	284
285	-546	196	247	-372	288	-588	77	* -3304	0	222	-825	406	-3488	*	0	3708	362	235	0	285
286	-404	139	192	-285	225	-436	77	* -2416	0	240	-634	584	-2359	*	0	2771	271	175	0	286
287	-404	145	183	-174	190	-417	81	* -2445	0	168	-389	225	-2501	*	0	2621	256	165	0	287
288	-261	117	82	-216	113	-293	73	* -1684	0	-158	-479	20	-182	*	0	1812	177	115	0	288
289	-596	198	294	-58	295	-597	88	* -3528	0	527	-170	535	-3494	*	0	3747	368	238	0	289
290	-587	186	304	-76	306	-589	87	* -3437	0	506	-453	558	-3497	*	0	3607	372	241	0	290
291	-587	188	301	-204	313	-599	83	* -3445	0	347	-416	397	-3159	*	0	3375	330	214	0	291
292	-523	176	255	-187	266	-534	83	* -3109	0	347	-416	397	-3159	*	0	3375	330	214	0	292
293	-523	187	238	-213	253	-538	82	* -3160	0	224	-474	289	-3225	*	0	3379	330	214	0	293
294	-438	161	192	-253	217	-462	79	* -2660	0	140	-561	248	-2769	*	0	2901	283	184	0	294
295	-438	167	183	-143	191	-446	83	* -2689	0	68	-317	104	-2725	*	0	2779	271	176	0	295
296	-392	145	172	-109	177	-398	84	* -2391	0	120	-242	143	-2414	*	0	2489	243	157	0	296
297	-561	175	294	-58	295	-562	88	* -3270	0	533	-129	537	-3274	*	0	3573	349	226	0	297
298	-545	174	280	-57	281	-546	88	* -3196	0	471	-127	475	-3201	*	0	3463	334	219	0	298
299	-545	182	267	-115	271	-549	85	* -3235	0	377	-293	396	-3076	*	0	3468	339	219	0	299
300	-515	171	255	-132	260	-521	85	* -3051	0	377	-293	396	-3076	*	0	3468	339	219	0	300
301	-515	162	238	-158	246	-524	84	* -3102	0	347	-351	284	-3138	*	0	3292	321	208	0	301
302	-474	167	220	-135	227	-481	84	* -2851	0	247	-351	284	-3138	*	0	3292	321	208	0	302
303	-474	180	201	-80	203	-477	86	* -2910	0	237	-300	266	-2440	*	0	3022	295	191	0	303
304	-449	182	172	-77	174	-451	86	* -2805	0	93	-178	103	-2421	*	0	2974	291	188	0	304
305	-545	155	308	-25	309	-545	89	* -3110	0	48	-170	-37	-2815	*	0	2797	273	177	0	305
306	-528	162	280	-14	280	-528	89	* -3110	0	680	-57	524	-3068	*	0	3502	342	222	0	306
307	-528	171	267	-72	269	-529	87	* -3107	0	524	-32	524	-3068	*	0	3502	342	222	0	307
308	-515	161	270	-57	271	-516	87	* -3002	0	429	-161	437	-3114	*	0	3544	328	212	0	308
309	-515	184	235	-60	236	-493	87	* -2972	0	486	-127	491	-3007	*	0	3260	316	204	0	309
310	-491	178	220	-70	222	-493	87	* -2972	0	486	-127	491	-3007	*	0	3260	316	204	0	310
311	-491	190	201	-15	201	-491	89	* -3032	0	187	-156	195	-2980	*	0	3082	301	195	0	311
312	-488	190	198	-15	198	-488	89	* -3019	0	43	-34	34	-3014	*	0	3054	298	193	0	312

TIME 45 = 3000.000 HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE = 1.0000

NODAL POINT W-DISPLACEMENT Z-DISPLACEMENT

1	0.	.2181E-03	.2181E-03	3	-.1518E-03	.1876E-03	4	-.2566E-03	.1808E-03
5	-.5680E-03	.1549E-03	6	-.4541E-03	.1335E-03	7	-.5235E-03	8	-.5783E-03
9	-.6043E-03	.3565E-04	10	-.6214E-03	0.	11	0.	12	-.6134E-04
13	-.1391E-03	.2161E-03	14	-.2556E-03	.1817E-03	15	-.3241E-03	16	-.2295E-03
17	-.5043E-03	.6851E-04	18	-.6972E-03	.1413E-04	19	-.6149E-03	20	.1778E-04
21	0.	.2476E-03	22	-.6972E-03	.2472E-03	23	-.1454E-03	24	-.6235E-03
25	-.3191E-03	.1435E-03	26	-.4088E-03	.9511E-04	27	-.5008E-03	28	-.2235E-03
29	-.6195E-03	.1204E-04	30	-.6371E-03	0.	31	0.	32	-.5719E-03
33	-.1541E-03	.2432E-03	34	-.2412E-03	.2021E-03	35	-.5286E-03	36	-.7641E-04
37	-.5147E-03	.5816E-04	38	-.5916E-03	.5115E-03	39	-.6400E-03	40	-.4279E-03
41	0.	.2933E-03	42	-.6424E-04	.1041E-04	43	-.1727E-03	44	-.6575E-03
45	-.3608E-03	.1674E-03	46	-.4545E-03	.252E-03	47	-.5488E-03	48	-.2614E-03
49	-.6725E-03	.1645E-04	50	-.6886E-03	.1137E-03	51	0.	52	-.6213E-03
53	-.1972E-03	.2856E-03	54	-.3021E-03	.325E-03	55	-.4037E-03	56	-.9832E-04
57	-.6001E-03	.8796E-04	58	-.6763E-03	.1890E-03	59	-.726E-03	60	-.5095E-03
61	0.	.3540E-03	62	-.1124E-03	.2238E-04	63	-.2278E-03	64	-.7449E-03
65	-.4579E-03	.2158E-03	66	-.5648E-03	.513E-03	67	-.6640E-03	68	-.3410E-03
69	-.7923E-03	.3101E-04	70	-.8089E-03	.1037E-03	71	0.	72	-.7404E-03
73	-.2640E-03	.3529E-03	74	-.5962E-03	.5965E-03	75	-.5229E-03	76	-.1523E-03
77	-.7458E-03	.1513E-03	78	-.8292E-03	.269E-03	79	-.8809E-03	80	-.8449E-03
81	0.	.4397E-03	82	-.1292E-03	.3898E-04	83	-.2584E-03	84	-.899E-03
85	-.5090E-03	.2985E-03	86	-.7046E-03	.4192E-03	87	-.9041E-03	88	-.3799E-03
89	-.9483E-03	.4271E-04	90	-.9567E-03	.153E-03	91	0.	92	-.9249E-03
93	-.2513E-03	.4826E-03	94	-.3705E-03	.496E-03	95	-.4791E-03	96	-.1266E-03
97	-.6697E-03	.3479E-03	98	-.6863E-03	.4495E-03	99	-.8810E-03	100	-.4943E-03
101	-.1104E-02	.7544E-04	102	-.1115E-02	.2112E-03	103	0.	104	-.1084E-02
105	-.2408E-03	.5424E-03	106	-.3558E-03	.552E-03	107	-.4632E-03	108	-.1205E-03
109	-.6518E-03	.4250E-03	110	-.5287E-03	.5132E-03	111	-.8466E-03	112	-.6345E-03
113	-.1064E-02	.2141E-03	114	-.1442E-02	.3278E-03	115	-.1442E-02	116	-.8635E-03
117	-.1426E-02	.2271E-03	118	-.1414E-02	.6932E-04	119	-.1397E-02	120	-.1433E-02
121	-.1009E-02	.4490E-03	122	-.1026E-02	.4191E-03	123	-.1044E-02	124	-.8125E-03
125	-.1771E-02	.6283E-04	126	-.1779E-02	.2907E-03	127	-.1784E-02	128	-.1769E-02
129	-.1799E-02	.8833E-03	130	-.2018E-02	.1987E-03	131	-.2027E-02	132	-.1798E-02
133	-.2081E-02	.2298E-03	134	-.2146E-02	.7041E-04	135	-.2256E-02	136	-.2031E-02
137	-.2286E-02	.1287E-03	138	-.2359E-02	0.	139	-.2515E-02	140	-.2266E-02
141	-.2500E-02	.6058E-04	142	-.2513E-02	.3032E-03	143	-.2614E-02	144	-.2488E-02
145	-.2762E-02	0.	146	-.2792E-02	.1857E-03	147	-.2765E-02	148	-.2493E-02
149	-.3072E-02	.2674E-03	150	-.3422E-02	.1141E-03	151	-.3009E-02	152	-.2903E-02
153	-.3119E-02	.1562E-03	154	-.3182E-02	0.	155	-.3316E-02	156	-.5018E-02
157	-.3910E-02	.4946E-03	158	-.3269E-02	.3084E-03	159	-.3301E-02	160	-.3509E-02
161	-.3539E-02	.3496E-03	162	-.3743E-02	.1228E-03	163	-.3962E-02	164	-.5405E-02
165	-.4077E-02	.4915E-03	166	-.3524E-02	.4808E-03	167	-.3960E-02	168	-.4064E-02
169	-.3964E-02	.5027E-03	170	-.4125E-02	.1931E-03	171	-.3905E-02	172	-.3740E-02
173	-.4058E-02	.3613E-03	174	-.4199E-02	0.	175	-.3905E-02	176	-.3944E-02
177	-.4286E-02	.1755E-03	178	-.4362E-02	.5864E-03	179	-.4276E-02	180	-.4252E-02
181	-.4578E-02	0.	182	-.4603E-02	.4699E-03	183	-.4454E-02	184	-.4504E-02
185	-.4765E-02	0.	186	-.4893E-02	.3265E-03	187	-.4692E-02	188	-.4729E-02
189	-.5014E-02	.4447E-03	190	-.5048E-02	.1832E-03	189	-.4910E-02	190	-.4961E-02

Data Documents Inc





63	-1469	529	712	97	713	-1470	-88	-7550	0	717	226	723	-7556	0	7943	777	704	0	63
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67	-1067	352	564	655	628	-1130	-78	-5324	0	812	1254	1058	-5570	0	6168	603	556	0	67
68	-924	300	496	1008	657	-1085	-72	-4594	0	746	1910	1359	-5207	0	6003	587	542	0	68
69	-774	286	368	656	455	-866	-74	-3993	0	307	1243	641	-4527	0	4680	458	425	0	69
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71	-543	231	253	244	271	-601	-61	-3052	0	95	461	161	-3118	0	3202	313	291	0	71
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79	-1394	559	592	-180	596	-1398	87	-7439	0	147	-333	162	-7454	0	7536	737	663	0	79
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83	-1293	451	647	319	660	-1306	85	-6592	0	755	626	808	-6646	0	7084	693	633	0	83
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123	-1020	414	420	248	430	-1030	85	-5434	0	5	478	47	-5476	0	5500	538	493	0	123
124	-954	405	375	330	395	-975	82	-5129	0	-115	633	-37	-5208	0	5190	507	466	0	124
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127	-1199	515	459	-38	459	-1199	89	-6514	0	-221	-76	-220	-6515	0	6408	627	569	0	127
128	-1173	515	433	-44	434	-1173	89	-6412	0	-319	-86	-318	-6413	0	6260	612	556	0	128

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145	-1277	490	574	-73	575	-1276	86	-6742	0	331	-140	334	-6725	0	6494	674	610	0	145
146	-1254	510	526	-126	528	-1261	87	-6732	0	63	-244	72	-6741	0	6777	663	549	0	146
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164	-993	404	409	215	417	-1001	88	-5289	0	5	412	37	-5321	0	5340	522	474	0	164
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172	-1220	477	537	19	537	-1221	89	-6443	0	236	39	236	-6443	0	6565	642	583	0	172
173	-1213	492	507	3	507	-1213	89	-6477	0	59	9	59	-6477	0	6507	636	577	0	173
174	-1213	494	503	-18	504	-1213	89	-6488	0	34	-34	34	-6488	0	6505	636	577	0	174
175	-1214	488	514	-28	514	-1214	89	-6466	0	101	-54	101	-6466	0	6518	637	578	0	175
176	-1214	497	500	-14	500	-1214	89	-6504	0	11	-27	11	-6504	0	6510	636	577	0	176
177	-1221	499	505	-18	505	-1221	89	-6542	0	23	-35	24	-6542	0	6555	641	580	0	177
184	-1168	502	447	67	448	-1168	88	-6338	0	-215	133	-212	-6341	0	6238	610	555	0	184
185	-1172	464	507	83	508	-1173	88	-6204	0	167	163	171	-6204	0	6296	616	561	0	185
186	-1189	495	478	35	478	-1189	89	-6395	0	-68	71	-68	-6396	0	6363	622	565	0	186
187	-1197	480	507	36	508	-1197	89	-6364	0	105	72	106	-6365	0	6419	628	571	0	187
188	-1203	494	495	5	495	-1203	89	-6445	0	5	12	51	-6445	0	6448	631	573	0	188
189	-1203	490	503	4	503	-1203	89	-6447	0	51	10	51	-6447	0	6473	633	575	0	189
190	-1210	500	493	-13	493	-1210	89	-6497	0	-26	-25	-26	-6497	0	6484	634	575	0	190
191	-1228	503	505	-1	505	-1228	89	-6585	0	473	-2	5	-6585	0	6588	644	583	0	191
192	-1021	470	346	2	346	-1021	89	-5644	0	-473	5	-473	-5644	0	5423	530	485	0	192
193	-1053	471	377	34	377	-1053	89	-5773	0	-365	68	-364	-5774	0	5600	548	501	0	193
194	-1053	471	378	24	378	-1053	89	-5768	0	-351	49	-351	-5768	0	5601	548	501	0	194

195	-1101	475	420	75	421	-1102	-68	-5970	0	-212	147	-209	-5973	*	0	5872	574	524	0	0	195
196	-1102	457	447	84	408	-1103	-88	-5901	0	-53	165	-28	-5906	*	0	5892	574	524	0	0	196
197	-1103	508	410	-26	410	-1104	-89	-6249	0	-578	48	-377	-6249	*	0	6069	593	540	0	0	197
198	-1104	478	46	46	478	-1105	-89	-6210	0	8	93	9	-6211	*	0	6216	608	560	0	0	198
199	-1105	495	468	-23	468	-1106	-89	-6352	0	-105	42	-103	-6352	*	0	6301	616	560	0	0	199
200	-1106	491	495	21	495	-1107	-89	-6415	0	14	45	18	-6415	*	0	6424	628	571	0	0	200
201	-1107	493	493	10	493	-1108	-89	-6431	0	0	21	0	-6431	*	0	6431	629	571	0	0	201
202	-1108	505	487	-11	487	-1109	-89	-6527	0	-74	21	-73	-6527	*	0	6490	635	576	0	0	202
203	-1109	472	346	2	346	-1110	-89	-5680	0	-480	5	-480	-5680	*	0	5456	531	486	0	0	203
204	-1110	498	314	-26	314	-1111	-89	-5787	0	-705	49	-705	-5787	*	0	5469	535	486	0	0	204
205	-1111	490	316	-59	316	-1112	-89	-5779	0	-686	49	-686	-5779	*	0	5472	535	486	0	0	205
206	-1112	468	410	-14	410	-1113	-89	-5952	0	-428	24	-428	-5952	*	0	5750	562	513	0	0	206
207	-1113	525	367	-23	367	-1114	-89	-5862	0	-216	41	-216	-5862	*	0	5757	562	513	0	0	207
208	-1114	502	400	-153	400	-1115	-89	-6245	0	-605	213	-597	-6245	*	0	5977	584	532	0	0	208
209	-1115	510	488	-69	488	-1116	-89	-6153	0	-384	290	-377	-6153	*	0	5989	586	534	0	0	209
210	-1116	507	527	-105	527	-1117	-89	-6490	0	-162	129	-159	-6490	*	0	6414	627	570	0	0	210
211	-1117	475	314	-6	314	-1118	-89	-6691	0	-58	81	-37	-6691	*	0	6419	628	571	0	0	211
212	-1118	502	281	-42	281	-1119	-89	-6691	0	-610	12	-609	-6691	*	0	6527	517	472	0	0	212
213	-1119	475	316	-72	316	-1120	-89	-5566	0	-841	78	-841	-5566	*	0	5336	522	475	0	0	213
214	-1120	502	281	-105	281	-1121	-89	-5705	0	-600	135	-597	-5705	*	0	5307	519	474	0	0	214
215	-1121	475	316	-133	316	-1122	-89	-5571	0	-670	250	-654	-5571	*	0	5307	519	474	0	0	215
216	-1122	514	285	-113	285	-1123	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	216
217	-1123	514	285	-113	285	-1124	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	217
218	-1124	514	285	-113	285	-1125	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	218
219	-1125	514	285	-113	285	-1126	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	219
220	-1126	514	285	-113	285	-1127	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	220
221	-1127	514	285	-113	285	-1128	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	221
222	-1128	514	285	-113	285	-1129	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	222
223	-1129	514	285	-113	285	-1130	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	223
224	-1130	514	285	-113	285	-1131	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	224
225	-1131	514	285	-113	285	-1132	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	225
226	-1132	514	285	-113	285	-1133	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	226
227	-1133	514	285	-113	285	-1134	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	227
228	-1134	514	285	-113	285	-1135	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	228
229	-1135	514	285	-113	285	-1136	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	229
230	-1136	514	285	-113	285	-1137	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	230
231	-1137	514	285	-113	285	-1138	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	231
232	-1138	514	285	-113	285	-1139	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	232
233	-1139	514	285	-113	285	-1140	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	233
234	-1140	514	285	-113	285	-1141	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	234
235	-1141	514	285	-113	285	-1142	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	235
236	-1142	514	285	-113	285	-1143	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	236
237	-1143	514	285	-113	285	-1144	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	237
238	-1144	514	285	-113	285	-1145	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	238
239	-1145	514	285	-113	285	-1146	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	239
240	-1146	514	285	-113	285	-1147	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	240
241	-1147	514	285	-113	285	-1148	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	241
242	-1148	514	285	-113	285	-1149	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	242
243	-1149	514	285	-113	285	-1150	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	243
244	-1150	514	285	-113	285	-1151	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	244
245	-1151	514	285	-113	285	-1152	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	245
246	-1152	514	285	-113	285	-1153	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	246
247	-1153	514	285	-113	285	-1154	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	247
248	-1154	514	285	-113	285	-1155	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	248
249	-1155	514	285	-113	285	-1156	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	249
250	-1156	514	285	-113	285	-1157	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	250
251	-1157	514	285	-113	285	-1158	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	251
252	-1158	514	285	-113	285	-1159	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	252
253	-1159	514	285	-113	285	-1160	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	253
254	-1160	514	285	-113	285	-1161	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	254
255	-1161	514	285	-113	285	-1162	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	255
256	-1162	514	285	-113	285	-1163	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	256
257	-1163	514	285	-113	285	-1164	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	257
258	-1164	514	285	-113	285	-1165	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	258
259	-1165	514	285	-113	285	-1166	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	259
260	-1166	514	285	-113	285	-1167	-89	-5742	0	-634	462	-595	-5742	*	0	5465	534	487	0	0	260



261	-704	287	336	-181	343	-755	85	-1921	0	146	-543	215	-3449	*	0	4061	347	362	0	0	261
262	-761	312	313	-145	318	-766	86	-4073	0	11	-276	29	-4091	*	0	4106	401	365	0	0	262
263	-817	364	294	-428	334	-857	79	-4089	0	-270	-804	-120	-4639	*	0	4579	448	407	0	0	263
264	-714	273	322	-297	343	-735	81	-3741	0	186	-564	266	-3821	*	0	3860	387	353	0	0	264
265	-714	318	257	-641	353	-810	73	-3921	0	-255	-1212	127	-4284	*	0	4349	425	387	0	0	265
266	-531	200	244	-422	298	-585	75	-2763	0	174	-803	379	-2968	*	0	3175	310	283	0	0	266
267	-396	243	48	-680	232	-580	61	-2432	0	-743	-1285	-49	-3126	*	0	3101	303	276	0	0	267
268	-167	34	119	-388	217	-265	63	-759	0	543	-744	718	-1134	*	0	1614	158	141	0	0	268
269	-167	91	36	-176	69	-200	69	-991	0	-211	-338	-84	-1114	*	0	1078	105	94	0	0	269
270	-816	295	392	-102	395	-818	87	-9214	0	371	-194	379	-4222	*	0	4424	432	394	0	0	270
271	-826	307	386	-119	389	-829	87	-9299	0	294	-228	305	-4310	*	0	4471	437	394	0	0	271
272	-728	274	356	-253	351	-743	83	-3747	0	239	-479	295	-3853	*	0	4009	392	357	0	0	272
273	-754	300	323	-304	344	-775	82	-4001	0	80	-576	160	-4081	*	0	4164	407	371	0	0	273
274	-645	225	322	-412	364	-687	78	-3293	0	376	-780	535	-3452	*	0	3749	366	334	0	0	274
275	-645	243	295	-430	342	-692	77	-3369	0	192	-816	371	-3548	*	0	3747	366	334	0	0	275
276	-490	171	244	-446	307	-553	74	-2507	0	284	-843	519	-2743	*	0	3036	297	270	0	0	276
277	-442	225	119	-515	219	-543	68	-2542	0	-411	-974	-33	-2921	*	0	2904	284	258	0	0	277
278	-217	82	99	-185	124	-242	74	-1127	0	73	-333	169	-1224	*	0	1317	128	117	0	0	278
279	-152	80	36	-193	77	-193	67	-888	0	-168	-365	155	-1042	*	0	1034	101	91	0	0	279
280	-69	23	36	-114	61	-94	66	-358	0	58	-223	155	-456	*	0	550	53	45	0	0	280
281	-763	263	346	-113	388	-765	87	-3890	0	468	-213	479	-3900	*	0	4161	407	370	0	0	281
282	-727	254	362	-100	365	-729	87	-3720	0	409	-191	418	-3729	*	0	3955	387	352	0	0	282
283	-727	256	359	-250	373	-741	83	-3730	0	387	-475	441	-3784	*	0	4023	393	358	0	0	283
284	-635	217	323	-307	347	-659	81	-3229	0	407	-501	498	-3320	*	0	3595	351	320	0	0	284
285	-635	236	295	-435	343	-683	77	-3308	0	219	-822	401	-3490	*	0	3707	362	330	0	0	285
286	-470	167	230	-334	268	-507	77	-2414	0	245	-636	389	-2558	*	0	-2774	271	246	0	0	286
287	-470	174	219	-205	234	-485	81	-2445	0	169	-391	226	-2503	*	0	2624	256	233	0	0	287
288	-303	141	99	-252	136	-339	73	-1684	0	-162	-476	-25	-1821	*	0	1809	177	162	0	0	288
289	-692	238	351	-68	352	-693	88	-3528	0	424	-129	428	-3532	*	0	3765	368	336	0	0	289
290	-683	223	362	-89	364	-685	87	-3437	0	530	-169	538	-3444	*	0	3742	366	333	0	0	290
291	-683	225	359	-239	373	-696	83	-3446	0	508	-433	559	-3497	*	0	3808	372	339	0	0	291
292	-608	212	304	-219	317	-621	83	-3108	0	347	-417	397	-3158	*	0	3374	330	300	0	0	292
293	-608	225	284	-250	301	-625	82	-3161	0	222	-475	287	-3227	*	0	3380	330	301	0	0	293
294	-508	193	230	-296	259	-536	79	-2658	0	140	-560	248	-2766	*	0	2899	283	258	0	0	294
295	-508	201	219	-167	228	-517	83	-2690	0	64	-315	100	-2726	*	0	2778	271	247	0	0	295
296	-456	174	206	-128	212	-462	84	-2392	0	124	-283	147	-2415	*	0	2492	243	221	0	0	296
297	-652	210	351	-68	352	-653	88	-3270	0	535	-129	539	-3274	*	0	3574	349	318	0	0	297
298	-634	209	333	-67	335	-635	88	-3195	0	470	-127	474	-3200	*	0	3462	338	308	0	0	298
299	-634	219	319	-134	323	-638	85	-3236	0	375	-255	393	-3254	*	0	3467	339	309	0	0	299
300	-599	206	304	-154	310	-605	85	-3050	0	372	-292	397	-3075	*	0	3291	322	293	0	0	300
301	-599	219	284	-185	294	-608	84	-3103	0	246	-350	283	-3140	*	0	3290	321	293	0	0	301
302	-551	200	263	-158	271	-559	84	-2849	0	238	-300	267	-2878	*	0	3021	295	269	0	0	302
303	-551	216	241	-94	243	-554	86	-2911	0	94	-179	104	-2922	*	0	2976	291	264	0	0	303
304	-520	219	206	-90	209	-523	86	-2805	0	-51	-170	-41	-2816	*	0	2795	273	249	0	0	304
305	-633	186	366	-30	360	-634	89	-3109	0	680	-56	681	-3110	*	0	3500	342	312	0	0	305
306	-614	195	333	-17	333	-614	89	-3068	0	524	-33	525	-3068	*	0	3362	328	299	0	0	306
307	-614	205	319	-84	321	-615	87	-3108	0	430	-160	437	-3116	*	0	3356	328	298	0	0	307
308	-598	193	321	-67	323	-600	87	-3000	0	486	-127	491	-3005	*	0	3278	320	292	0	0	308
309	-598	221	281	-71	282	-600	87	-3113	0	224	-135	229	-3118	*	0	3239	316	288	0	0	309
310	-570	214	263	-82	265	-572	87	-2971	0	186	-156	194	-2978	*	0	3080	301	275	0	0	310
311	-570	229	241	-18	241	-570	89	-3033	0	42	-34	42	-3033	*	0	3055	298	272	0	0	311
312	-567	229	238	-17	238	-567	89	-3019	0	33	-33	33	-3019	*	0	3036	297	270	0	0	312





63	-1635	600	604	127	610	-1637	-88	-7555	0	732	248	739	7542	*	0	7938	776	478	0	63
64	-1630	530	908	706	948	-1678	-81	-7271	0	1265	1230	1439	7445	*	0	8259	808	413	0	64
65	-1518	512	612	646	856	-1362	-81	-6807	0	1014	1125	1173	6960	*	0	7620	745	849	0	65
66	-1316	398	767	887	857	-1406	-78	-5761	0	1259	1521	1574	6076	*	0	6968	684	775	0	66
67	-1186	398	637	736	709	-1257	-78	-5310	0	817	1260	1066	5559	*	0	6162	686	0	0	67
68	-1027	340	559	1129	740	-1208	-72	-4579	0	747	1912	1362	5194	*	0	5993	586	668	0	68
69	-864	326	416	735	514	-962	-74	-3940	0	507	1247	644	4316	*	0	4672	457	522	0	69
70	-732	262	571	739	484	-845	-72	-3551	0	384	1254	767	5714	*	0	4152	406	462	0	70
71	-647	262	288	273	307	-667	-81	-3002	0	103	462	170	5109	*	0	3198	312	358	0	71
72	-573	256	220	502	248	-601	-79	-2771	0	-113	510	-18	2865	*	0	2856	279	321	0	72
73	-1442	730	430	431	431	-1445	88	-7391	0	-1044	-177	-1074	7396	*	0	6920	677	760	0	73
74	-1363	700	413	69	414	-1364	88	-7088	0	-1013	-131	-1010	7091	*	0	6644	650	728	0	74
75	-1411	697	444	-240	452	-1419	86	-7106	0	-896	-434	-866	7215	*	0	6824	667	744	0	75
76	-1497	700	527	-157	530	-1500	87	-7510	0	-576	-284	-564	7521	*	0	7255	709	784	0	76
77	-1558	697	592	-314	604	-1569	85	-7694	0	-351	-544	-310	7739	*	0	7568	742	822	0	77
78	-1511	632	637	-157	640	-1514	87	-7295	0	55	-261	65	7304	*	0	7337	717	797	0	78
79	-1556	636	677	-199	661	-1560	87	-7447	0	162	-326	176	7461	*	0	7551	738	825	0	79
80	-1633	598	807	122	808	-1635	-88	-7580	0	741	238	748	7587	*	0	7888	781	871	0	80
81	-1637	598	810	121	812	-1638	-88	-7536	0	729	239	736	7564	*	0	7958	774	877	0	81
82	-1493	503	800	370	814	-1508	-85	-6744	0	1033	654	1088	6799	*	0	7403	724	813	0	82
83	-1440	512	734	362	749	-1455	-85	-6581	0	762	637	817	6636	*	0	7080	692	783	0	83
84	-1381	463	742	806	816	-1455	-79	-6210	0	948	1386	1207	6469	*	0	7150	699	791	0	84
85	-1258	463	619	664	676	-1315	-80	-5784	0	525	1139	725	5983	*	0	6377	624	704	0	85
86	-1091	362	566	725	642	-1167	-78	-4952	0	635	1240	898	5215	*	0	5718	559	633	0	86
87	-995	388	460	498	502	-1037	-80	-4647	0	253	851	397	4791	*	0	5001	489	556	0	87
88	-874	369	565	680	455	-962	-75	-4175	0	-13	1155	286	4474	*	0	4824	452	515	0	88
89	-794	369	286	239	294	-807	-83	-3901	0	-282	404	-237	5946	*	0	3633	375	429	0	89
90	-780	335	318	189	326	-788	-85	-3741	0	-46	322	-18	3769	*	0	3760	367	420	0	90
91	-1348	659	455	-85	436	-1349	88	-6820	0	-800	-152	-797	6824	*	0	6462	632	710	0	91
92	-1383	663	466	-63	466	-1384	88	-6950	0	-695	-117	-693	6952	*	0	6633	649	728	0	92
93	-1411	661	495	-225	502	-1417	86	-7048	0	-587	-405	-362	7075	*	0	6810	666	745	0	93
94	-1401	634	523	-175	527	-1405	87	-6922	0	-376	-311	-362	6937	*	0	6763	661	738	0	94
95	-1407	638	564	-270	573	-1406	86	-7099	0	-251	-474	-218	7131	*	0	7025	687	765	0	95
96	-1500	614	652	-128	654	-1502	88	-7200	0	155	-215	161	7206	*	0	7289	713	792	0	96
97	-1342	616	690	-170	693	-1345	87	-7334	0	284	-280	275	7344	*	0	7086	732	818	0	97
98	-1501	560	727	6	727	-1501	-89	-6995	0	596	23	596	6995	*	0	7312	715	799	0	98
99	-1510	573	719	23	719	-1510	-89	-7059	0	514	55	514	7060	*	0	7331	717	804	0	99
100	-1497	529	766	333	778	-1509	-85	-6857	0	819	588	864	6902	*	0	7372	721	809	0	100
101	-1444	538	706	320	718	-1456	-85	-6681	0	584	563	628	6724	*	0	7059	690	780	0	101
102	-1326	466	684	477	712	-1354	-83	-6048	0	753	825	852	6147	*	0	6814	647	730	0	102
103	-1264	480	602	416	625	-1287	-83	-5885	0	417	719	498	5965	*	0	6269	609	684	0	103
104	-1158	445	544	648	604	-1218	-79	-5399	0	336	1111	544	5607	*	0	5898	577	654	0	104
105	-1066	448	447	431	477	-1096	-81	-5095	0	-6	738	98	5200	*	0	5250	513	584	0	105
106	-994	406	434	419	464	-1025	-81	-4714	0	100	717	205	4819	*	0	4925	481	547	0	106
107	-949	412	381	170	386	-954	-86	-4580	0	-101	291	-82	4599	*	0	4536	446	507	0	107
108	-887	413	318	180	325	-894	-85	-4371	0	-322	307	-298	4594	*	0	4253	416	475	0	108
109	-1348	626	481	-81	482	-1349	88	-6696	0	-513	-145	-510	6700	*	0	6460	632	711	0	109
110	-1338	618	483	-70	483	-1338	88	-6638	0	-475	-127	-472	6640	*	0	6417	627	705	0	110
111	-1357	617	503	-185	508	-1361	87	-6704	0	-399	-328	-362	6721	*	0	6539	639	717	0	111
112	-1394	610	551	-144	553	-1397	87	-6811	0	-199	-255	-190	6821	*	0	6728	658	736	0	112
113	-1437	612	590	-236	597	-1444	86	-6967	0	179	-257	138	6743	*	0	6968	681	761	0	113
114	-1411	573	620	-149	622	-1414	87	-6733	0	179	-257	138	6743	*	0	6839	669	748	0	114
115	-1456	596	631	-142	634	-1458	88	-6973	0	124	-243	132	6981	*	0	7049	689	771	0	115
116	-1483	563	705	16	705	-1483	-89	-6948	0	500	38	500	6948	*	0	7212	705	788	0	116
117	-1488	570	700	26	700	-1488	-89	-6979	0	448	56	448	6980	*	0	7215	705	792	0	117
118	-1420	520	702	164	705	-1423	-87	-6569	0	637	290	649	6581	*	0	6928	677	761	0	118
119	-1383	539	639	173	643	-1387	-87	-6503	0	304	305	357	6517	*	0	6703	655	739	0	119
120	-1356	499	647	417	669	-1356	-83	-6201	0	507	725	585	6278	*	0	6590	644	727	0	120
121	-1275	507	575	354	592	-1292	-84	-6017	0	227	612	286	6076	*	0	6225	609	689	0	121
122	-1184	459	551	390	573	-1206	-83	-5539	0	323	672	339	5615	*	0	5825	570	644	0	122
123	-1134	476	477	279	489	-1146	-84	-5429	0	7	481	49	5471	*	0	5496	537	609	0	123
124	-1060	460	426	371	449	-1083	-82	-5123	0	-118	636	-38	5203	*	0	5184	507	575	0	124
125	-1017	463	378	133	361	-1020	-87	-4988	0	-293	228	-232	4999	*	0	4864	475	541	0	125
126	-1011	443	399	102	401	-1012	-87	-4899	0	-146	174	-139	4905	*	0	4837	473	537	0	126
127	-1335	587	523	-43	523	-1336	89	-6519	0	-225	-78	-224	6520	*	0	6410	627	705	0	127
128	-1306	587	494	-50	495	-1306	89	-6416	0	-326	-87	-324	6418	*	0	6261	612	689	0	128

133	-1351	599	523	-160	527	-1355	87	-6619	0	-267	-282	-255	-6631	0	6507	656	715	0	133
134	-1355	571	545	-118	547	-1337	87	-6465	0	-66	-210	-79	-6472	0	6457	629	706	0	134
139	-1414	588	600	-163	603	-1417	87	-6806	0	39	-210	51	-6818	0	6403	669	748	0	139
140	-1359	574	545	-144	548	-1342	87	-6488	0	-96	-251	-46	-6498	0	6455	631	709	0	140
145	-1425	556	654	-182	655	-1426	88	-6728	0	337	-141	340	-6731	0	6407	675	757	0	145
146	-1404	582	600	-142	602	-1406	87	-6741	0	66	-245	75	-6750	0	6188	664	743	0	146
152	-1370	548	613	145	616	-1373	87	-6490	0	222	257	232	-6500	0	6619	647	730	0	152
153	-1417	547	661	125	662	-1419	88	-6660	0	390	222	397	-6667	0	6875	672	755	0	153
154	-1417	552	654	-10	654	-1417	89	-6675	0	359	-12	359	-6675	0	6402	671	753	0	154
162	-1053	473	599	98	401	-1054	88	-5147	0	-254	168	-248	-5153	0	5043	492	559	0	162
163	-1083	491	405	88	406	-1085	88	-5315	0	-297	152	-293	-5320	0	5179	506	574	0	163
164	-1104	463	465	241	474	-1113	85	-5282	0	7	412	39	-5314	0	5354	521	592	0	164
165	-1103	506	461	174	466	-1108	86	-5641	0	-162	542	228	-5746	0	5865	573	649	0	165
166	-1201	484	533	343	550	-1218	86	-6195	0	168	542	228	-5746	0	5865	573	649	0	166
167	-1278	540	532	203	538	-1284	86	-6195	0	-29	553	445	-6060	0	6185	603	680	0	167
168	-1294	493	613	229	620	-1301	86	-6035	0	420	598	445	-6060	0	6294	613	691	0	168
129	-1306	565	525	-50	525	-1306	89	-6337	0	-142	-87	-141	-6338	0	6269	613	691	0	129
130	-1280	553	516	-58	516	-1280	89	-6206	0	-128	-68	-127	-6207	0	6149	601	678	0	130
131	-1280	539	536	-7	536	-1280	89	-6155	0	-11	-13	-11	-6155	0	6149	601	678	0	131
132	-1217	517	503	-22	503	-1217	89	-5859	0	-45	-38	-45	-5859	0	5837	571	645	0	132
135	-1355	565	555	-102	556	-1337	88	-6442	0	-33	-180	-28	-6447	0	6433	629	707	0	135
136	-1267	556	516	-95	517	-1269	88	-6252	0	-148	-166	-143	-6256	0	6186	605	681	0	136
137	-1287	544	536	-63	536	-1288	88	-6201	0	-31	-111	-29	-6203	0	6188	605	682	0	137
141	-1359	567	555	-127	557	-1341	88	-6465	0	-43	-222	-35	-6472	0	6455	631	709	0	141
142	-1314	551	553	-110	554	-1315	88	-6318	0	8	-193	14	-6324	0	6331	619	696	0	142
143	-1314	549	555	-64	555	-1314	88	-6313	0	18	-114	20	-6316	0	6326	619	696	0	143
144	-1266	538	523	-60	524	-1267	88	-6108	0	-52	-106	-50	-6109	0	6084	595	671	0	144
147	-1369	553	605	-114	606	-1371	88	-6518	0	184	-198	189	-6524	0	6621	647	726	0	147
148	-1370	570	582	-124	584	-1372	88	-6586	0	40	-216	47	-6593	0	6617	647	726	0	148
149	-1324	556	555	-115	554	-1325	88	-6377	0	-16	-201	-10	-6383	0	6378	624	701	0	149
150	-1324	556	555	-69	555	-1324	88	-6373	0	-6	-121	-4	-6375	0	6373	623	701	0	150
151	-1309	544	558	-55	558	-1310	89	-6282	0	50	-7	227	-6283	0	6309	617	693	0	151
155	-1398	559	625	-53	611	-1398	89	-6637	0	227	7	227	-6637	0	6754	660	742	0	155
156	-1398	569	611	-53	611	-1398	89	-6674	0	143	-90	145	-6675	0	6748	660	741	0	156
157	-1369	553	605	-77	606	-1369	88	-6513	0	186	-132	189	-6516	0	6612	647	726	0	157
158	-1347	554	582	-79	583	-1348	88	-6444	0	101	-136	104	-6447	0	6500	636	714	0	158
159	-1369	567	585	-62	586	-1369	89	-6566	0	63	-107	65	-6567	0	6600	645	724	0	159
160	-1347	562	570	-43	570	-1347	89	-6476	0	26	-75	27	-6477	0	6491	635	713	0	160
161	-1335	562	558	-45	558	-1335	89	-6436	0	-16	-78	-15	-6437	0	6429	629	706	0	161
169	-1349	573	556	116	558	-1350	88	-6515	0	-67	205	-60	-6521	0	6491	635	714	0	169
170	-1349	573	556	112	558	-1350	88	-6515	0	357	201	363	-6539	0	6528	638	719	0	170
178	-1101	504	405	79	406	-1102	88	-5416	0	-341	135	-338	-5419	0	5258	514	583	0	178
179	-1114	496	429	78	430	-1115	88	-5435	0	-223	136	-220	-5439	0	5332	521	591	0	179
180	-1175	517	461	183	466	-1180	86	-5716	0	-194	316	-176	-5734	0	5647	552	625	0	180
181	-1186	513	478	142	481	-1189	87	-5737	0	-115	247	-104	-5748	0	5696	557	630	0	181
182	-1254	522	532	185	537	-1259	86	-6004	0	33	322	50	-6021	0	6046	591	664	0	182
183	-1254	505	556	173	560	-1258	87	-5940	0	181	301	196	-5955	0	6056	592	664	0	183
171	-1364	570	577	57	577	-1365	89	-6554	0	14	103	20	-6561	0	6571	642	722	0	171
172	-1364	542	611	22	611	-1360	89	-6443	0	243	42	243	-6443	0	6568	642	722	0	172
173	-1352	560	578	4	578	-1352	89	-6481	0	58	11	58	-6481	0	6510	637	716	0	173
174	-1352	563	573	-20	573	-1352	89	-6491	0	34	-34	34	-6492	0	6509	636	716	0	174
175	-1353	556	585	-31	585	-1353	89	-6470	0	104	-53	105	-6470	0	6524	638	717	0	175
176	-1353	566	570	-16	570	-1353	89	-6510	0	11	-27	11	-6510	0	6516	637	716	0	176
177	-1362	569	576	-20	576	-1362	89	-6550	0	24	-36	24	-6550	0	6562	642	720	0	177
184	-1300	572	509	77	510	-1301	88	-6342	0	-224	136	-221	-6345	0	6238	610	687	0	184
185	-1306	528	577	94	578	-1307	88	-6199	0	173	167	177	-6204	0	6295	615	694	0	185
186	-1324	564	544	41	544	-1325	89	-6398	0	-72	74	-71	-6399	0	6363	622	701	0	186
187	-1333	547	578	41	578	-1333	89	-6364	0	108	75	109	-6365	0	6421	628	701	0	187
188	-1341	562	564	7	564	-1341	89	-6449	0	5	14	5	-6449	0	6451	631	710	0	188
189	-1345	568	573	5	573	-1345	89	-6450	0	52	11	52	-6450	0	6476	633	712	0	189
190	-1349	569	561	-15	562	-1349	89	-6503	0	-26	-25	-28	-6503	0	6489	634	713	0	190
191	-1369	574	576	-1	576	-1369	89	-6592	0	5	-1	5	-6592	0	6595	645	724	0	191
192	-1359	535	395	2	395	-1355	89	-5642	0	-475	4	-475	-5642	0	5420	530	600	0	192
193	-1171	537	429	39	430	-1171	89	-5772	0	-370	68	-369	-5773	0	5597	547	619	0	193
194	-1171	535	431	28	432	-1171	89	-5765	0	-351	50	-350	-5765	0	5598	547	619	0	194



195	-1225	540	474	83	479	-1276	-88	-5968	0	-216	104	-217	-5972	0	5869	574	644	0	195
196	-1226	519	509	95	510	-1227	-88	-5896	0	-30	168	-25	-5901	0	5868	576	651	0	196
197	-1227	519	467	-29	468	-1227	89	-6252	0	-384	0	-384	-6253	0	6070	593	659	0	197
198	-1228	542	542	53	545	-1228	-89	-6208	0	10	96	11	-6210	0	6216	604	685	0	198
199	-1229	554	542	25	545	-1229	-89	-6353	0	-103	-41	-103	-6354	0	6302	616	694	0	199
200	-1230	554	554	25	564	-1230	-89	-6416	0	19	47	19	-6417	0	6426	624	707	0	200
201	-1231	561	561	12	561	-1231	-89	-6433	0	1	22	1	-6433	0	6433	629	708	0	201
202	-1232	576	554	-13	554	-1232	-89	-6531	0	-76	-21	-76	-6531	0	6493	635	714	0	202
203	-1233	537	395	2	395	-1233	-89	-6538	0	-482	4	-482	-6538	0	5453	551	601	0	203
204	-1234	567	360	-29	360	-1234	-89	-5787	0	-706	-48	-706	-5787	0	5468	555	604	0	204
205	-1235	565	363	-66	363	-1235	-89	-5779	0	-688	-110	-688	-5781	0	5471	555	604	0	205
206	-1236	557	431	-15	432	-1236	-89	-5952	0	-432	-23	-432	-5952	0	5748	562	635	0	206
207	-1237	532	467	-25	468	-1237	-89	-5857	0	-213	-40	-213	-5858	0	5754	563	636	0	207
208	-1238	548	420	-127	422	-1238	-89	-6248	0	-611	-211	-611	-6250	0	5977	584	659	0	208
209	-1239	572	457	-172	461	-1239	-89	-6152	0	-349	-291	-349	-6167	0	5484	585	661	0	209
210	-1240	581	533	-77	534	-1240	-89	-6492	0	-164	-128	-164	-6495	0	6415	627	707	0	210
211	-1241	566	554	-48	555	-1241	-89	-6437	0	-36	-80	-36	-6438	0	6420	628	707	0	211
212	-1242	577	600	-114	602	-1242	-89	-6694	0	84	-202	90	-6700	0	6746	660	741	0	212
213	-1243	540	560	-7	560	-1243	-89	-5564	0	-609	-12	-609	-5564	0	5286	517	584	0	213
214	-1244	572	524	-46	524	-1244	-89	-5706	0	-844	-77	-844	-5708	0	5336	522	589	0	214
215	-1245	540	563	-80	563	-1245	-89	-5575	0	-599	-135	-599	-5578	0	5306	519	586	0	215
216	-1246	585	328	-148	332	-1246	-89	-5832	0	-873	-248	-873	-5844	0	5465	534	603	0	216
217	-1247	537	420	-126	422	-1247	-89	-5736	0	-389	-210	-389	-5745	0	5564	544	615	0	217
218	-1248	590	402	-274	414	-1248	-89	-6116	0	-634	-259	-634	-6154	0	5879	575	649	0	218
219	-1249	592	457	-210	463	-1249	-89	-6314	0	-460	-255	-460	-6336	0	6124	599	677	0	219
220	-1250	627	452	-226	473	-1250	-89	-6584	0	-597	-272	-597	-6670	0	6429	629	709	0	220
221	-1251	685	600	-258	608	-1251	-89	-7568	0	-297	-440	-297	-7595	0	7463	730	821	0	221
222	-1252	550	298	-45	298	-1252	-89	-5441	0	-854	-76	-854	-5442	0	5070	496	559	0	222
223	-1253	551	324	-43	324	-1253	-89	-5538	0	-770	-73	-770	-5539	0	5197	508	573	0	223
224	-1254	548	328	-117	331	-1254	-89	-5525	0	-739	-197	-739	-5533	0	5206	509	574	0	224
225	-1255	568	295	-145	299	-1255	-89	-5571	0	-923	-242	-923	-5584	0	5189	507	573	0	225
226	-1256	573	289	-387	315	-1256	-89	-5587	0	-959	-252	-959	-5678	0	5297	518	585	0	226
227	-1257	602	402	-346	421	-1257	-89	-6211	0	-676	-286	-676	-6273	0	5989	586	661	0	227
228	-1258	567	452	-265	483	-1258	-89	-6083	0	-380	-293	-380	-6192	0	6060	593	669	0	228
229	-1259	803	465	-793	540	-1259	-89	-8071	0	-1172	-1339	-1172	-8322	0	7901	773	870	0	229
230	-1260	531	279	-45	298	-1260	-89	-5288	0	-787	-76	-787	-5289	0	4943	483	545	0	230
231	-1261	550	279	-71	280	-1261	-89	-5380	0	-922	-121	-922	-5384	0	4988	488	550	0	231
232	-1262	552	277	-73	278	-1262	-89	-5386	0	-933	-125	-933	-5389	0	4989	488	550	0	232
233	-1263	517	295	-122	298	-1263	-89	-5161	0	-743	-206	-743	-5171	0	4845	474	534	0	233
234	-1264	522	289	-364	314	-1264	-89	-5177	0	-779	-217	-779	-5262	0	4951	484	546	0	234
235	-1265	605	299	-481	339	-1265	-89	-5902	0	-1043	-311	-1043	-6034	0	5634	551	620	0	235
236	-1266	487	465	-659	531	-1266	-89	-7427	0	-38	-1118	-38	-5690	0	5783	565	634	0	236
237	-1267	786	518	-1066	470	-1267	-89	-5031	0	-1618	-1798	-1618	-7939	0	7447	728	822	0	237
238	-1268	513	266	-133	289	-1268	-89	-5376	0	-840	-222	-840	-5379	0	4684	458	517	0	238
239	-1269	550	279	-63	280	-1269	-89	-5376	0	-920	-108	-920	-5379	0	4984	487	550	0	239
240	-1270	551	277	-66	278	-1270	-89	-5381	0	-931	-112	-931	-5384	0	4985	487	550	0	240
241	-1271	463	259	93	261	-1271	-89	-4620	0	-695	-144	-695	-4625	0	4706	460	521	0	241
242	-1272	374	384	-636	459	-1272	-89	-4295	0	-55	-1073	-55	-4545	0	5064	495	557	0	242
243	-1273	526	299	-412	331	-1273	-89	-5251	0	-760	-702	-760	-5251	0	5333	521	588	0	243
244	-1274	513	316	-713	405	-1274	-89	-5212	0	-675	-1202	-675	-5212	0	5333	521	588	0	244
245	-1275	443	318	-837	446	-1275	-89	-4616	0	-592	-1418	-592	-4616	0	4706	460	521	0	245
246	-1276	674	127	-1319	419	-1276	-89	-5942	0	-1909	-2225	-1909	-5942	0	6517	637	717	0	246
247	-1277	443	266	-133	270	-1277	-89	-4474	0	-595	-223	-595	-4474	0	4225	413	465	0	247
248	-1278	311	375	-45	375	-1278	-89	-4474	0	-226	-71	-226	-3766	0	3885	380	429	0	248
249	-1279	339	336	-361	364	-1279	-89	-3865	0	-4	-609	-4	-3959	0	4004	391	442	0	249
250	-1280	339	336	-361	364	-1280	-89	-3865	0	-4	-609	-4	-3959	0	4004	391	442	0	250
251	-1281	631	384	-464	417	-1281	-89	-8414	0	-867	-782	-867	-782	0	6177	604	680	0	251
252	-1282	461	358	-156	362	-1282	-89	-8925	0	-355	-270	-355	-8925	0	4780	467	528	0	252
253	-1283	491	316	-629	368	-1283	-89	-5030	0	-595	-1060	-595	-5030	0	5103	499	563	0	253
254	-1284	383	336	-451	377	-1284	-89	-4217	0	-156	-767	-156	-4217	0	4349	425	480	0	254
255	-1285	413	293	-720	396	-1285	-89	-4328	0	-414	-1219	-414	-4328	0	4645	454	512	0	255
256	-1286	284	127	-1021	408	-1286	-89	-2702	0	-496	-1724	-496	-1724	0	3889	380	429	0	256
257	-1287	296	57	-717	259	-1287	-89	-2590	0	-813	-1215	-813	-1215	0	3114	304	342	0	257
258	-1288	398	445	-58	375	-1288	-89	-4641	0	-82	-71	-82	-4641	0	4740	463	524	0	258
259	-1289	389	445	-58	446	-1289	-89	-4641	0	-186	-99	-186	-4643	0	4740	463	524	0	259
260	-1290	420	336	-370	363	-1290	-89	-4529	0	-293	-619	-293	-4617	0	4519	442	498	0	260

Let's Document Inc.

261	-435	327	581	-203	390	-841	85	-341H	0	189	-342	217	-3947	0	4060	397	444	0	261
262	-448	355	358	-163	363	-853	86	-4071	0	17	-276	36	-4089	0	4104	401	452	0	262
263	-910	415	336	-478	380	-955	79	-4497	0	-276	-804	-124	-4645	0	4582	448	504	0	263
264	-795	311	366	-333	389	-819	81	-3739	0	188	-564	264	-3818	0	4394	387	437	0	264
265	-795	363	293	-717	401	-903	73	-3925	0	-237	-1209	124	-4246	0	4349	425	479	0	265
266	-591	227	278	-474	338	-651	75	-3925	0	180	-806	387	-2962	0	3173	310	351	0	266
267	-441	277	57	-761	263	-646	61	-2439	0	746	-1282	-56	-3150	0	3102	303	342	0	267
268	-187	37	136	-437	247	-297	63	-748	0	363	-748	739	-1125	0	1626	159	176	0	268
269	-909	336	104	-194	79	-224	69	-497	0	-214	-342	-86	-1126	0	1085	106	117	0	269
270	-909	336	445	-115	448	-912	87	-4215	0	373	-194	382	-4221	0	4425	432	488	0	270
271	-921	350	437	-134	440	-924	87	-4501	0	240	-228	302	-4312	0	4471	437	493	0	271
272	-811	311	361	-283	348	-828	85	-3793	0	243	-577	152	-4084	0	4008	392	442	0	272
273	-840	342	367	-340	340	-864	82	-4004	0	72	-577	152	-4084	0	4163	407	459	0	273
274	-718	255	366	-461	413	-765	78	-3287	0	385	-740	544	-3446	0	3748	366	413	0	274
275	-718	277	335	-482	387	-771	77	-3571	0	190	-817	369	-3549	0	3747	366	413	0	275
276	-546	195	278	-499	347	-616	74	-2505	0	290	-840	524	-2739	0	3035	297	335	0	276
277	-493	257	156	-577	248	-605	68	-2553	0	-422	-971	-46	-2929	0	2906	284	320	0	277
278	-241	92	113	-208	142	-269	74	-1121	0	80	-355	177	-1218	0	1316	128	145	0	278
279	-169	92	42	-216	87	-215	67	-893	0	-167	-364	-16	-1044	0	1036	101	113	0	279
280	-78	26	42	-130	70	-107	60	-362	0	64	-227	163	-461	0	560	54	58	0	280
281	-850	249	437	-126	440	-853	87	-3890	0	470	-212	480	-3900	0	4162	407	458	0	281
282	-810	289	410	-113	413	-815	87	-3720	0	408	-192	417	-3729	0	3955	386	436	0	282
283	-810	292	407	-281	423	-826	83	-3730	0	385	-476	439	-3785	0	4023	393	444	0	283
284	-707	247	367	-343	393	-761	77	-3311	0	411	-580	502	-3317	0	3595	351	396	0	284
285	-707	269	335	-486	389	-761	77	-3311	0	217	-819	398	-3492	0	3707	362	409	0	285
286	-523	189	249	-375	304	-566	77	-2412	0	248	-638	393	-2557	0	2775	271	305	0	286
287	-523	199	249	-231	265	-540	81	-2446	0	169	-392	227	-2504	0	2625	256	289	0	287
288	-336	161	113	-282	154	-377	73	-1684	0	-165	-475	-28	-1821	0	1807	176	200	0	288
289	-772	271	397	-76	398	-773	88	-3528	0	422	-129	427	-3533	0	3764	368	415	0	289
290	-761	254	410	-100	413	-764	87	-3436	0	509	-453	560	-3498	0	3743	366	412	0	290
291	-761	257	407	-268	422	-777	83	-3446	0	347	-418	397	-3157	0	3809	372	420	0	291
292	-677	241	344	-246	359	-692	83	-3107	0	220	-476	286	-3228	0	3380	330	372	0	292
293	-677	256	322	-281	342	-697	82	-3162	0	141	-559	248	-2765	0	2897	283	320	0	293
294	-566	220	261	-331	293	-598	79	-2657	0	62	-314	97	-2726	0	2777	271	306	0	294
295	-566	229	249	-186	259	-576	83	-2691	0	126	-243	150	-2415	0	2493	244	274	0	295
296	-508	198	234	-143	241	-515	84	-2392	0	536	-129	473	-3199	0	3575	349	394	0	296
297	-727	239	397	-76	398	-728	88	-3270	0	489	-128	473	-3199	0	3461	334	382	0	297
298	-706	238	377	-75	378	-708	88	-3195	0	374	-255	392	-3254	0	3467	339	382	0	298
299	-706	250	361	-150	366	-712	85	-3236	0	489	-255	392	-3254	0	3467	339	382	0	299
300	-667	234	344	-172	351	-675	85	-3049	0	372	-291	397	-3074	0	3291	322	363	0	300
301	-667	249	322	-207	333	-678	84	-3104	0	246	-349	282	-3140	0	3291	322	363	0	301
302	-614	228	298	-177	307	-622	84	-2849	0	239	-300	268	-2874	0	3021	295	333	0	302
303	-614	286	274	-105	237	-582	86	-2912	0	95	-179	105	-2922	0	2977	291	328	0	303
304	-579	249	234	-100	237	-582	86	-2805	0	-54	-170	-43	-2816	0	2794	273	304	0	304
305	-707	212	413	-53	377	-684	89	-3104	0	680	-55	681	-3109	0	3500	342	386	0	305
306	-684	222	377	-19	377	-684	89	-3104	0	525	-55	681	-3109	0	3500	342	386	0	306
307	-684	234	364	-75	365	-686	87	-3109	0	430	-160	437	-3117	0	3557	328	370	0	307
308	-667	219	364	-75	365	-686	87	-3114	0	486	-127	491	-3003	0	3277	320	362	0	308
309	-667	252	318	-74	320	-664	87	-3114	0	224	-135	229	-3119	0	3240	317	357	0	309
310	-635	243	298	-92	301	-637	87	-2970	0	186	-156	194	-2974	0	3079	301	340	0	310
311	-635	261	274	-20	274	-635	89	-3033	0	41	-34	42	-3034	0	3055	298	337	0	311
312	-651	261	271	-19	271	-631	89	-3019	0	33	-33	33	-3019	0	3036	297	335	0	312

DATA DOCUMENTS INC.

TIME 47 = 5000.000 HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE = 1.0000

NODAL POINT R-DISPLACEMENT /-DISPLACEMENT

NODAL POINT R-DISPLACEMENT Z-DISPLACEMENT											
1	0.	2630E-03	2	0.	7034E-04	3	0.	2587E-03	4	0.	2207E-03
5	0.	1885E-03	6	0.	5545E-03	7	0.	1619E-03	8	0.	8597E-04
9	0.	4314E-04	10	0.	7550E-03	11	0.	2216E-03	12	0.	1767E-03
13	0.	7344E-03	14	0.	2493E-03	15	0.	5059E-04	16	0.	2342E-03
17	0.	1750E-03	18	0.	6928E-03	19	0.	5059E-04	20	0.	3545E-04
21	0.	6144E-05	22	0.	8568E-04	23	0.	5061E-03	24	0.	5285E-03
25	0.	3075E-03	26	0.	4990E-03	27	0.	1162E-03	28	0.	1264E-03
29	0.	1751E-03	30	0.	7747E-03	31	0.	2485E-03	32	0.	2644E-03
33	0.	7534E-03	34	0.	2941E-03	35	0.	3851E-04	36	0.	4580E-04
37	0.	1873E-03	38	0.	7194E-03	39	0.	3554E-03	40	0.	3679E-03
41	0.	6262E-03	42	0.	1016E-03	43	0.	1405E-03	44	0.	1707E-03
45	0.	4386E-03	46	0.	5525E-03	47	0.	6670E-03	48	0.	2684E-03
49	0.	8169E-03	50	0.	8364E-03	51	0.	4896E-03	52	0.	4580E-04
53	0.	2383E-03	54	0.	3660E-03	55	0.	3007E-03	56	0.	3679E-03
57	0.	7283E-03	58	0.	8232E-03	59	0.	6552E-04	60	0.	1707E-03
61	0.	4412E-03	62	0.	1356E-03	63	0.	4285E-03	64	0.	3343E-03
65	0.	2683E-03	66	0.	1676E-03	67	0.	1967E-03	68	0.	8091E-04
69	0.	5880E-04	70	0.	9808E-03	71	0.	3796E-03	72	0.	4795E-03
73	0.	3189E-03	74	0.	4793E-03	75	0.	1039E-03	76	0.	2344E-03
77	0.	5903E-03	78	0.	1005E-02	79	0.	5427E-03	80	0.	5023E-03
81	0.	3723E-03	82	0.	1599E-03	83	0.	2789E-03	84	0.	1144E-03
85	0.	6158E-03	86	0.	8528E-03	87	0.	2789E-03	88	0.	6166E-03
89	0.	1140E-02	90	0.	1159E-02	91	0.	5815E-03	92	0.	4656E-03
93	0.	3033E-03	94	0.	4474E-03	95	0.	3406E-03	96	0.	1819E-03
97	0.	8097E-03	98	0.	8326E-03	99	0.	2643E-03	100	0.	6933E-03
101	0.	9468E-04	102	0.	1349E-02	103	0.	6609E-03	104	0.	6933E-03
105	0.	6776E-03	106	0.	4293E-03	107	0.	5591E-03	108	0.	6131E-03
109	0.	5315E-03	110	0.	1001E-02	111	0.	5049E-03	112	0.	3359E-03
113	0.	2684E-03	114	0.	1743E-02	115	0.	1742E-02	116	0.	1262E-03
117	0.	1723E-02	118	0.	1709E-02	119	0.	4031E-03	120	0.	5874E-03
121	0.	5626E-03	122	0.	1239E-02	123	0.	4636E-03	124	0.	3536E-03
125	0.	7465E-04	126	0.	2146E-02	127	0.	1599E-03	128	0.	1809E-03
129	0.	4858E-03	130	0.	2436E-02	131	0.	2441E-02	132	0.	8269E-04
133	0.	2922E-03	134	0.	2593E-02	135	0.	2723E-02	136	0.	3630E-03
137	0.	1647E-03	138	0.	2448E-02	139	0.	3038E-02	140	0.	2518E-03
141	0.	3017E-02	142	0.	5032E-02	143	0.	1546E-03	144	0.	3503E-02
145	0.	3352E-02	146	0.	5368E-02	147	0.	7381E-04	148	0.	4680E-03
149	0.	3708E-02	150	0.	4150E-02	151	0.	3629E-02	152	0.	5103E-03
153	0.	3763E-02	154	0.	3840E-02	155	0.	3825E-03	156	0.	5531E-03
157	0.	4720E-02	158	0.	5443E-02	159	0.	2943E-03	160	0.	4414E-03
161	0.	4359E-03	162	0.	4518E-02	163	0.	5505E-03	164	0.	2252E-03
165	0.	6144E-03	166	0.	4251E-02	167	0.	4320E-02	168	0.	2252E-03
169	0.	4786E-02	170	0.	4980E-02	171	0.	4713E-02	172	0.	2252E-03
173	0.	4488E-02	174	0.	5070E-02	175	0.	5163E-02	176	0.	7127E-03
177	0.	5173E-02	178	0.	5265E-02	179	0.	5377E-02	180	0.	5689E-03
181	0.	5526E-02	182	0.	5556E-02	183	0.	5627E-02	184	0.	4257E-03
185	0.	5753E-02	186	0.	5910E-02	187	0.	5928E-02	188	0.	4257E-03
189	0.	6054E-02	190	0.	6095E-02	191	0.	7498E-03	192	0.	4257E-03

Print Document



TIME ELEM	47 = LPS-R/ EPS-1/	5000.000HOURS AT PRESSURE = EPS-2/ EPS-1/	-1670 2 / ANGL =	0.0000 SIG-R/SIG-1/	U.0000 SIG-2/SIG-2/	AT TEMPT RAIURF = SIG-1/SIG-2/	1.0000 ALFA/SIGET/ELAST/EPSTET/ERN/PIA/ELTW
1	-2225	638	681	-75	681	-2226	681
2	-2126	1001	674	674	-2126	88	-12141
3	-2534	1370	698	698	-2534	88	-12121
4	-3448	1246	1365	1365	-3541	79	-22229
5	-3341	1638	1078	2090	-3576	75	-168894
6	-2186	1192	588	1391	-2351	75	-10292
7	-1922	1000	592	1252	-2065	75	-8685
8	-2150	1334	372	2987	-2844	64	-10408
9	-1262	725	296	2336	-1886	61	-5940
10	-1101	625	264	1608	-1473	65	-5259
11	-677	295	285	1083	-908	67	-5090
12	-693	316	271	1006	-390	81	-689
13	-368	543	286	565	-589	67	-1345
14	-409	26	375	555	-192	82	51
15	-179	188	436	178	448	-19	1064
16	-560	373	1064	-19	1064	-19	1064
17	-517	541	1248	-295	1260	-530	85
18	-176	289	567	326	601	-210	78
19	-2115	1333	705	60	706	-2502	88
20	-2029	1067	596	-131	597	-2030	89
21	-2043	1179	851	923	924	-2504	81
22	-2256	1068	830	983	897	-2324	80
23	-1856	801	782	768	836	-1911	81
24	-1699	682	787	629	826	-1738	82
25	-1672	651	801	1574	1031	-1902	73
26	-1337	462	720	1243	894	-1510	74
27	-1135	334	687	1435	936	-1384	70
28	-848	203	577	1001	735	-1006	72
29	-769	101	636	1223	865	-998	69
30	-563	-22	596	671	686	-653	75
31	-359	-7	371	977	616	-604	63
32	-224	-60	308	222	330	-247	78
33	-348	160	567	312	593	-374	80
34	-1683	919	411	-4	411	-1683	89
35	-1706	928	431	-221	456	-1712	86
36	-2041	1020	601	67	601	-1980	89
37	-1802	833	683	-38	683	-1802	89
38	-1845	807	762	-150	764	-1847	88
39	-2062	801	987	617	1018	-2093	83
40	-1953	737	965	552	990	-1974	84
41	-1661	538	939	833	1004	-1726	80
42	-1520	499	851	739	907	-1576	81
43	-1452	431	875	1480	1090	-1668	73
44	-1194	361	715	1134	870	-1354	74
45	-930	251	593	1274	824	-1161	70
46	-741	222	444	809	569	-866	72
47	-620	157	410	1052	631	-841	67
48	-492	128	321	348	357	-527	78
49	-409	126	242	285	265	-453	76
50	-368	853	406	-109	408	-1564	88
51	-1686	886	487	-28	487	-1686	89
52	-1714	880	524	-231	530	-1720	86
53	-1628	818	516	-193	520	-1532	87
54	-1627	799	836	-148	838	-1628	89
55	-1775	660	886	139	888	-1774	88
56							
57							
58							
59							
60							
61							
62							

Data Encumbrants Inc.

65	-1773	654	888	137	850	-1774	-88	-7524	0	742	260	750	-7555	0	7934	776	1016	0	65
66	-1767	582	985	773	1036	-1820	-81	-7258	0	1269	1237	1445	-7054	0	8252	807	1057	0	66
67	-1643	562	888	706	937	-1691	-81	-6795	0	1015	1137	1176	-6956	0	7613	744	941	0	67
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69	-1284	437	698	802	776	-1362	-78	-5306	0	821	1262	1071	-5556	0	6162	602	792	0	69
70	-1112	372	612	1224	808	-1309	-72	-4573	0	746	1914	1364	-5190	0	5990	586	771	0	70
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72	-793	287	405	805	530	-915	-72	-3325	0	390	1255	774	-3710	0	4152	406	534	0	72
73	-701	286	316	297	337	-722	-81	-3040	0	108	463	175	-3106	0	2852	279	370	0	73
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75	-1562	806	473	-103	475	-1564	88	-7401	0	-1109	-185	-1103	-7407	0	6648	650	845	0	75
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79	-1693	769	655	-343	688	-1705	85	-7711	0	-349	-546	-308	-7752	0	7350	719	927	0	79
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93	-1530	729	546	-249	553	-1538	86	-7057	0	-596	-413	-570	-7084	0	6816	667	865	0	93
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235	-1231	534	332	-523	348	-1230	82	-5906	0	-740	-207	-730	-5170	0	4952	484	632	0	235
236	-1231	534	332	-523	348	-1230	82	-5906	0	-740	-207	-730	-5170	0	4952	484	632	0	236
237	-1521	584	295	-144	299	-1586	74	-7432	0	-1048	-810	-916	-6038	0	5636	551	719	0	237
238	-1055	584	295	-144	299	-1586	74	-7432	0	-1048	-810	-916	-6038	0	5636	551	719	0	238
239	-1125	605	310	-72	308	-1126	88	-5382	0	-697	-138	-692	-4627	0	4984	487	637	0	239
240	-1125	606	308	-72	308	-1126	88	-5382	0	-697	-138	-692	-4627	0	4984	487	637	0	240
241	-975	510	287	-98	289	-977	87	-4622	0	-66	-1071	-315	-4539	0	4704	460	602	0	241
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243	-1111	578	332	-493	367	-1145	81	-5250	0	-756	-704	-648	-5357	0	5064	495	646	0	243
244	-1111	565	349	-450	367	-1145	81	-5250	0	-756	-704	-648	-5357	0	5064	495	646	0	244
245	-1004	485	353	-911	492	-1143	73	-4606	0	-679	-1200	-380	-5313	0	5333	521	682	0	245
246	-1156	750	143	-1435	462	-1474	66	-5956	0	-594	-221	-582	-4448	0	5066	495	649	0	246
247	-951	487	295	-104	299	-955	86	-4475	0	-594	-221	-582	-4448	0	5066	495	649	0	247
248	-872	342	412	-48	413	-872	89	-3760	0	-233	-69	-234	-3761	0	4227	413	559	0	248
249	-872	373	370	-393	400	-902	81	-3863	0	-0	-608	92	-3957	0	4004	391	512	0	249
250	-872	373	370	-393	400	-902	81	-3863	0	-0	-608	92	-3957	0	4004	391	512	0	250
251	-1365	696	424	-505	459	-1398	82	-6423	0	-884	-781	-776	-6531	0	6179	604	788	0	251
252	-1077	507	394	-171	399	-1082	86	-4925	0	-597	-1059	-357	-4941	0	4779	467	611	0	252
253	-1077	540	349	-684	421	-1155	77	-5031	0	-154	-770	-12	-4356	0	5102	499	652	0	253
254	-937	421	370	-492	415	-982	79	-4214	0	-418	-1220	-69	-4680	0	4349	425	556	0	254
255	-937	455	323	-784	435	-1049	74	-4330	0	-418	-1220	-69	-4680	0	4349	425	556	0	255
256	-506	311	143	-1111	449	-866	61	-2697	0	-478	-1723	-462	-5637	0	3889	380	497	0	256
257	-1002	438	412	-45	412	-1002	89	-4473	0	-84	-71	-83	-4474	0	4433	433	567	0	257
258	-1066	428	489	-64	489	-1066	88	-4639	0	185	-99	187	-4641	0	4738	463	606	0	258
259	-993	462	370	-402	399	-1022	81	-4532	0	-298	-616	-210	-4620	0	4518	442	577	0	259
260	-993	462	370	-402	399	-1022	81	-4532	0	-298	-616	-210	-4620	0	4518	442	577	0	260

Data Documents Inc.

261	-902	359	419	-221	428	-912	85	-3916	0	191	-342	214	-5945	*	0	4059	397	514	0	0	261
262	-919	390	394	-177	400	-925	86	-4064	0	27	-276	41	-4088	*	0	4109	402	524	0	0	262
263	-926	457	370	-520	418	-1035	79	-4502	0	-280	-801	-133	-4084	*	0	4584	408	545	0	0	263
264	-862	342	402	-363	427	-887	81	-3737	0	190	-564	269	-3817	*	0	3959	387	506	0	0	264
265	-862	349	323	-780	440	-979	73	-3928	0	234	-1207	121	-4244	*	0	4350	425	555	0	0	265
266	-862	349	323	-780	440	-979	73	-3928	0	184	-808	392	-2958	*	0	3172	310	408	0	0	266
267	-902	359	419	-221	428	-912	85	-3916	0	191	-342	214	-5945	*	0	4059	397	514	0	0	267
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285	-862	349	323	-780	440	-979	73	-3928	0	234	-1207	121	-4244	*	0	4350	425	555	0	0	285
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Data Documents Inc.







63	-1866	707	453	150	453	-1886	-88	-7518	0	748	268	757	-7526	*	0	7442	776	1130	0	0	63
64	-1879	625	1055	827	1113	-1937	-81	-7251	0	1271	1240	1408	-7428	*	0	8248	807	1176	0	0	64
65	-1746	603	951	756	1003	-1798	-81	-6789	0	1016	1136	1179	-6951	*	0	7609	744	1084	0	0	65
66	-1518	489	499	1033	1004	-1624	-78	-5751	0	1266	1523	1583	-6068	*	0	6995	684	997	0	0	66
67	-1366	469	748	856	831	-1409	-78	-5306	0	823	1263	1073	-5556	*	0	6163	603	880	0	0	67
68	-1182	400	655	1311	865	-1392	-72	-4571	0	746	1915	1384	-5190	*	0	5990	584	856	0	0	68
69	-993	383	488	854	602	-1107	-74	-3975	0	307	1252	646	-4315	*	0	4672	457	669	0	0	69
70	-843	308	437	859	568	-974	-72	-3323	0	394	1256	779	-3708	*	0	4153	406	593	0	0	70
71	-744	507	339	317	362	-767	-81	-3039	0	111	463	174	-3106	*	0	3199	313	458	0	0	71
72	-657	301	259	351	292	-689	-79	-2764	0	-114	513	-18	-2860	*	0	2851	278	410	0	0	72
73	-562	868	509	113	511	-1663	-88	-7407	0	-1126	-191	-120	-7413	*	0	6921	677	982	0	0	73
74	-462	832	492	-85	493	-1596	-88	-7102	0	-1035	-142	-1032	-7106	*	0	6650	650	942	0	0	74
75	-360	830	529	-288	539	-1640	-85	-7207	0	-420	-452	-887	-7240	*	0	6839	669	965	0	0	75
76	-1735	833	633	-188	637	-1739	-87	-7533	0	-570	-293	-557	-7545	*	0	7282	712	1021	0	0	76
77	-1805	829	707	-368	721	-1818	-85	-7717	0	-567	-546	-507	-7757	*	0	7608	744	1070	0	0	77
78	-1751	749	761	-181	764	-1754	-86	-7302	0	-82	-257	91	-7311	*	0	7357	719	1035	0	0	78
79	-1800	753	804	-227	809	-1893	-87	-7408	0	179	-315	192	-7461	*	0	7560	739	1069	0	0	79
80	-1891	708	955	150	957	-1893	-88	-7575	0	759	253	766	-7583	*	0	7994	782	1129	0	0	80
81	-1888	707	955	149	957	-1890	-88	-7504	0	735	256	763	-7552	*	0	7950	777	1131	0	0	81
82	-1725	593	942	436	960	-1743	-85	-6571	0	1049	663	1195	-6790	*	0	7405	724	1051	0	0	82
83	-1661	604	863	426	881	-1678	-85	-6199	0	769	645	1195	-6627	*	0	7076	692	1008	0	0	83
84	-1592	546	871	941	957	-1679	-79	-6199	0	927	1392	1209	-6461	*	0	7143	698	1018	0	0	84
85	-1448	546	727	774	794	-1515	-80	-5777	0	522	1145	724	-5979	*	0	6372	623	910	0	0	85
86	-1258	449	665	845	754	-1347	-78	-4944	0	644	1243	909	-5208	*	0	5717	559	815	0	0	86
87	-1146	457	542	580	591	-1194	-80	-4644	0	254	854	403	-4788	*	0	5003	489	714	0	0	87
88	-1005	435	430	791	532	-1107	-75	-4170	0	-17	1160	285	-4472	*	0	4622	452	661	0	0	88
89	-911	434	337	276	352	-926	-83	-3900	0	-288	406	-242	-3946	*	0	3830	374	549	0	0	89
90	-897	394	376	220	386	-906	-83	-3738	0	-39	323	-11	-3766	*	0	3761	368	538	0	0	90
91	-1554	783	516	-101	517	-1555	-88	-6830	0	-823	-157	-819	-6835	*	0	6484	632	918	0	0	91
92	-1595	786	553	-77	554	-1596	-88	-6959	0	-711	-123	-708	-6961	*	0	6645	649	941	0	0	92
93	-169	785	588	-269	596	-1637	-86	-7063	0	-603	-419	-576	-7090	*	0	6821	667	964	0	0	93
94	-1619	753	623	-208	628	-1624	-87	-6933	0	-374	-319	-358	-6949	*	0	6776	663	957	0	0	94
95	-1674	758	671	-319	682	-1685	-85	-7115	0	-251	-443	-217	-7148	*	0	7042	689	993	0	0	95
96	-1739	728	776	-148	778	-1741	-88	-7211	0	172	-213	178	-7218	*	0	7308	715	1029	0	0	96
97	-1783	730	818	-194	822	-1787	-87	-7338	0	273	-272	283	-7348	*	0	7493	733	1034	0	0	97
98	-1737	663	862	11	862	-1737	-89	-6993	0	616	31	616	-6993	*	0	7321	716	1035	0	0	98
99	-1745	677	850	32	850	-1745	-89	-7055	0	524	63	525	-7055	*	0	7332	717	1040	0	0	99
100	-1729	625	903	393	903	-1729	-85	-6849	0	827	598	873	-6896	*	0	7371	721	1046	0	0	100
101	-1665	631	831	377	845	-1679	-85	-6672	0	585	571	630	-6717	*	0	7053	690	1005	0	0	101
102	-1531	550	805	558	838	-1564	-83	-6039	0	762	831	862	-6139	*	0	6612	647	941	0	0	102
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104	-1334	525	640	756	710	-1404	-79	-5392	0	336	1116	546	-5602	*	0	5844	576	841	0	0	104
105	-1226	529	527	502	562	-1261	-81	-5092	0	-8	741	97	-5198	*	0	5247	513	750	0	0	105
106	-1195	479	512	488	548	-1180	-81	-4710	0	106	719	211	-4815	*	0	4925	481	703	0	0	106
107	-1092	486	450	198	457	-1098	-86	-4579	0	-97	292	-78	-4598	*	0	4559	446	651	0	0	107
108	-1019	486	376	209	384	-1027	-85	-4370	0	-325	308	-302	-4593	*	0	4250	415	608	0	0	108
109	-1554	742	571	-96	572	-1555	-88	-6701	0	-526	-150	-522	-6705	*	0	6440	632	918	0	0	109
110	-1543	733	573	-85	574	-1544	-88	-6645	0	-484	-132	-481	-6648	*	0	6421	628	911	0	0	110
111	-1567	732	597	-220	603	-1572	-86	-6715	0	-409	-337	-390	-6733	*	0	6546	640	927	0	0	111
112	-1612	723	654	-171	658	-1615	-87	-6821	0	-149	-261	-188	-6831	*	0	6739	659	953	0	0	112
113	-1662	726	700	-274	709	-1670	-86	-6980	0	-73	-421	-48	-7006	*	0	6982	683	986	0	0	113
114	-1632	678	736	-174	739	-1635	-87	-6737	0	144	-260	204	-6747	*	0	6851	670	964	0	0	114
115	-1684	707	748	-166	751	-1686	-88	-6981	0	127	-242	135	-6989	*	0	7058	690	998	0	0	115
116	-1716	667	835	-22	835	-1716	-89	-6950	0	512	45	513	-6950	*	0	7221	706	1021	0	0	116
117	-1719	675	827	34	827	-1719	-89	-6976	0	453	64	453	-6977	*	0	7215	705	1024	0	0	117
118	-1641	614	829	194	833	-1645	-87	-6563	0	651	296	663	-6575	*	0	6931	678	983	0	0	118
119	-1596	637	754	204	758	-1601	-87	-6499	0	345	309	359	-6513	*	0	6700	655	953	0	0	119
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121	-1470	599	677	413	697	-1489	-84	-6011	0	225	616	286	-6072	*	0	6220	608	887	0	0	121
122	-1365	541	650	455	676	-1390	-83	-5531	0	350	676	407	-5608	*	0	5823	569	829	0	0	122
123	-1306	562	564	326	578	-1320	-84	-5427	0	8	483	51	-5469	*	0	5495	537	783	0	0	123
124	-1220	543	503	432	530	-1247	-82	-5121	0	-120	639	-40	-5201	*	0	5181	507	739	0	0	124
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126	-1163	523	472	118	474	-1165	-87	-4898	0	-142	174	-136	-4905	*	0	4838	473	690	0	0	126
127	-1541	696	620	-51	620	-1541	-89	-6522	0	-228	-79	-227	-6523	*	0	6412	627	910	0	0	127
128	-1506	695	586	-59	586	-1506	-89	-6420	0	-332	-89	-330	-6421	*	0	6262	612	890	0	0	128





195	-1411	639	566	95	507	-1412	-88	-5967	0	-220	149	-216	-5971	*	0	5866	574	835	0	0	195
196	-1413	615	602	112	604	-1414	-88	-5890	0	-26	169	-22	-5895	*	0	5884	575	838	0	0	196
197	-1461	685	554	-34	554	-1461	89	-6256	0	-392	-87	-392	-6256	*	0	6069	593	863	0	0	197
198	-1491	641	644	644	-1492	-89	*	-6206	0	11	99	15	-6208	*	0	6214	608	844	0	0	198
199	-1514	667	631	-29	631	-1514	89	-6354	0	-103	-80	-103	-6354	*	0	6503	616	846	0	0	199
200	-1541	661	667	30	667	-1542	-89	-6417	0	2	49	20	-6417	*	0	6427	628	914	0	0	200
201	-1543	664	665	15	665	-1543	-89	-6433	0	20	23	23	-6433	*	0	6455	629	914	0	0	201
202	-1559	682	656	-14	656	-1559	89	-6534	0	-80	-20	-79	-6534	*	0	6495	615	922	0	0	202
203	-1309	635	470	2	470	-1309	-89	-5657	0	-483	4	-483	-5657	*	0	5431	531	774	0	0	203
204	-1317	671	429	-34	429	-1317	89	-5787	0	-691	-110	-689	-5788	*	0	5468	535	776	0	0	204
205	-1317	668	433	-76	433	-1317	88	-5780	0	-691	-110	-689	-5782	*	0	5470	535	778	0	0	205
206	-1384	659	512	-17	512	-1384	84	-5952	0	-437	-40	-208	-5952	*	0	5746	562	818	0	0	206
207	-1384	628	554	-29	554	-1385	89	-5853	0	-209	-40	-208	-5853	*	0	5751	562	819	0	0	207
208	-1437	708	499	-147	502	-1439	87	-6251	0	-619	-210	-611	-6259	*	0	5977	584	850	0	0	208
209	-1437	676	542	-200	547	-1442	87	-6151	0	-391	-292	-376	-6166	*	0	5987	585	852	0	0	209
210	-1541	668	631	-89	632	-1542	88	-6494	0	-166	-127	-164	-6496	*	0	6416	627	912	0	0	210
211	-1541	669	656	-55	657	-1541	89	-6436	0	-34	-79	-33	-6437	*	0	6420	628	913	0	0	211
212	-1614	663	711	-138	713	-1616	88	-6694	0	-90	-203	96	-6701	*	0	6749	660	958	0	0	212
213	-1273	638	429	-8	429	-1273	89	-5564	0	-607	-12	-607	-5564	*	0	5286	517	752	0	0	213
214	-1283	677	387	-54	388	-1283	89	-5708	0	-846	-77	-845	-5709	*	0	5337	522	759	0	0	214
215	-1277	638	433	-93	434	-1278	88	-5573	0	-597	-135	-594	-5577	*	0	5305	519	755	0	0	215
216	-1310	693	393	-172	398	-1314	87	-5834	0	-876	-247	-864	-5846	*	0	5465	534	777	0	0	216
217	-1337	634	499	-146	502	-1340	87	-5731	0	-382	-209	-374	-5739	*	0	5561	544	792	0	0	217
218	-1402	698	480	-317	493	-1416	85	-6116	0	-463	-356	-457	-6154	*	0	5878	575	836	0	0	218
219	-1468	700	542	-244	550	-1476	86	-6312	0	-601	-724	-515	-6670	*	0	6124	599	872	0	0	219
220	-1519	742	537	-496	567	-1548	86	-7374	0	-307	-443	-280	-7601	*	0	6428	629	914	0	0	220
221	-1785	812	711	-301	720	-1794	86	-7574	0	-853	-76	-852	-7543	*	0	7465	730	1060	0	0	221
222	-1318	651	357	-52	358	-1318	89	-5422	0	-770	-73	-769	-5540	*	0	5071	496	721	0	0	222
223	-1250	632	387	-50	388	-1250	89	-5539	0	-737	-197	-729	-5533	*	0	5199	508	739	0	0	223
224	-1250	648	393	-136	396	-1253	87	-5525	0	-923	-240	-911	-5582	*	0	5187	507	738	0	0	224
225	-1242	671	354	-167	359	-1246	87	-5570	0	-957	-651	-867	-5675	*	0	5295	518	754	0	0	225
226	-1242	677	340	-449	378	-1273	82	-5585	0	-677	-586	-615	-6270	*	0	5986	585	852	0	0	226
227	-1221	712	480	-403	501	-1242	84	-6209	0	-570	-800	-260	-6183	*	0	6037	592	862	0	0	227
228	-1421	669	537	-543	574	-1458	82	-6073	0	-1199	-1337	-948	-8334	*	0	7092	773	1123	0	0	228
229	-1816	953	554	-921	641	-1903	79	-8084	0	-784	-76	-784	-8290	*	0	4905	483	703	0	0	229
230	-1188	628	357	-52	358	-1188	89	-5288	0	-925	-121	-922	-5386	*	0	4984	488	709	0	0	230
231	-1196	651	335	-83	336	-1198	88	-5383	0	-937	-126	-933	-5391	*	0	4990	484	709	0	0	231
232	-1196	653	333	-86	334	-1198	88	-5387	0	-737	-207	-728	-5169	*	0	4846	474	689	0	0	232
233	-1162	611	354	-142	358	-1165	87	-5159	0	-771	-617	-686	-5260	*	0	4952	484	704	0	0	233
234	-1162	616	347	-424	376	-1191	82	-5175	0	-1051	-809	-920	-6040	*	0	5637	551	800	0	0	234
235	-1309	572	554	-767	630	-1385	78	-5949	0	-7	-1121	-214	-5672	*	0	5782	565	823	0	0	235
236	-1309	572	554	-767	630	-1385	78	-5949	0	-1649	-1794	-1138	-7948	*	0	7444	728	1059	0	0	236
237	-1616	932	581	-1237	557	-1792	74	-7437	0	-844	-221	-832	-5042	*	0	4682	458	666	0	0	237
238	-1121	607	319	-154	323	-1125	86	-5030	0	-923	-109	-921	-5380	*	0	4984	487	709	0	0	238
239	-1196	650	335	-74	336	-1196	88	-5377	0	-934	-113	-931	-5385	*	0	4985	487	709	0	0	239
240	-1196	652	333	-77	334	-1197	88	-5382	0	-699	-133	-694	-4629	*	0	4323	423	614	0	0	240
241	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	241
242	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	242
243	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	243
244	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	244
245	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	245
246	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	246
247	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	247
248	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	248
249	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	249
250	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	250
251	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	251
252	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	252
253	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	253
254	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	254
255	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	255
256	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	256
257	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	257
258	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	258
259	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	259
260	-1037	549	310	-103	312	-1039	88	-4624	0	-73	-1070	-322	-4634	*	0	4703	460	670	0	0	260

261	-960	346	450	-236	460	-470	85	-3915	0	192	-342	220	-3944	0	4054	397	574	0	261
262	-978	419	424	-189	430	-485	86	-4064	0	26	-276	44	-4066	0	4109	402	584	0	262
263	-1050	492	398	-534	449	-1101	79	-4506	0	-284	-799	138	-4652	0	4585	448	651	0	263
264	-917	367	431	-387	459	-944	81	-3737	0	191	-565	270	-3816	0	3954	367	563	0	264
265	-917	429	348	-832	473	-1042	73	-3930	0	-239	-1206	119	-4289	0	4350	425	614	0	265
266	-680	267	528	-553	398	-751	75	-2746	0	187	-810	396	-2455	0	3172	310	451	0	266
267	-504	328	73	-842	310	-745	61	-2448	0	-750	-1279	64	-3134	0	3105	303	441	0	267
268	-217	42	162	-512	241	-346	63	-735	0	345	-752	763	-1114	0	1635	160	229	0	268
269	-217	124	51	-233	95	-260	69	-1004	0	-218	-345	87	-1134	0	1043	107	153	0	269
270	-1050	397	525	-133	528	-1053	87	-4211	0	376	-194	345	-4220	0	4425	432	629	0	270
271	-1063	414	515	-156	518	-1066	87	-4304	0	245	-229	247	-4315	0	4471	437	636	0	271
272	-936	367	450	-329	469	-955	83	-3789	0	249	-480	305	-3445	0	4007	392	570	0	272
273	-969	405	432	-396	459	-996	82	-4008	0	62	-571	142	-4088	0	4162	407	592	0	273
274	-829	501	431	-536	486	-883	78	-3372	0	396	-778	555	-3439	0	3747	366	533	0	274
275	-829	324	394	-561	455	-890	77	-3372	0	147	-817	366	-3551	0	3747	366	533	0	275
276	-631	230	528	-578	408	-711	74	-2504	0	297	-837	529	-2735	0	3034	296	431	0	276
277	-568	306	162	-668	292	-698	68	-2565	0	-436	-967	187	-1211	0	2408	284	413	0	277
278	-277	108	134	-243	168	-310	74	-1112	0	88	-359	187	-1211	0	1315	128	187	0	278
279	-196	109	51	-251	104	-246	67	-897	0	-166	-362	17	-1046	0	1034	101	147	0	279
280	-92	31	51	-154	85	-126	66	-366	0	70	-231	170	-4466	0	570	55	77	0	280
281	-982	353	515	-146	518	-986	87	-3890	0	472	-212	482	-3900	0	4163	407	591	0	281
282	-935	342	483	-131	486	-938	87	-3721	0	406	-192	415	-3730	0	3954	386	562	0	282
283	-935	345	478	-327	497	-954	83	-3731	0	382	-477	436	-3786	0	4022	393	572	0	283
284	-817	291	452	-399	463	-848	81	-3224	0	416	-579	506	-3314	0	3594	351	511	0	284
285	-817	319	394	-564	457	-879	77	-3314	0	214	-816	397	-2556	0	3707	371	394	0	285
286	-604	224	308	-437	358	-654	77	-2410	0	251	-639	228	-2504	0	2776	256	373	0	286
287	-604	235	293	-269	313	-624	81	-2446	0	170	-394	228	-2504	0	2626	256	373	0	287
288	-587	191	466	-116	485	-882	87	-3436	0	-168	-474	32	-1820	0	1804	176	257	0	288
289	-880	300	483	-327	485	-892	88	-3529	0	534	-168	425	-3535	0	3764	368	535	0	289
290	-880	303	478	-311	496	-897	83	-3447	0	510	-452	561	-3498	0	3810	366	532	0	290
291	-782	277	404	-287	422	-799	83	-3106	0	547	-419	397	-3157	0	3375	330	480	0	291
292	-782	284	380	-327	402	-804	82	-3163	0	218	-477	284	-3229	0	3381	330	480	0	292
293	-782	284	380	-327	402	-804	82	-3163	0	141	-558	249	-2727	0	2896	271	395	0	293
294	-652	260	308	-385	345	-689	79	-2856	0	160	-312	95	-2415	0	2776	271	395	0	294
295	-652	271	293	-216	305	-665	83	-2692	0	129	-243	152	-2415	0	2495	244	354	0	295
296	-587	234	277	-167	285	-595	84	-2391	0	537	-129	541	-3274	0	3576	349	508	0	296
297	-840	282	466	-88	468	-882	88	-3269	0	468	-128	473	-3199	0	3460	338	492	0	297
298	-815	295	424	-175	413	-822	85	-3237	0	573	-255	391	-3255	0	3467	339	493	0	298
299	-770	276	404	-200	413	-779	85	-3049	0	373	-291	398	-3073	0	3290	321	468	0	299
300	-770	295	380	-240	362	-783	84	-3105	0	245	-348	281	-3141	0	3291	295	429	0	300
301	-708	291	523	-123	327	-712	86	-2912	0	96	-179	106	-2922	0	3021	295	429	0	301
302	-708	291	523	-123	327	-712	86	-2912	0	57	-170	46	-2816	0	2793	273	397	0	302
303	-668	295	277	-117	485	-671	89	-2805	0	680	-55	681	-3108	0	3499	342	494	0	303
304	-816	251	485	-38	485	-671	89	-2805	0	525	-33	525	-3068	0	3362	329	478	0	304
305	-791	263	443	-22	443	-791	89	-3110	0	430	-160	437	-3117	0	3354	328	477	0	305
306	-791	277	424	-110	427	-793	87	-3110	0	487	-128	491	-3003	0	3276	320	466	0	306
307	-770	259	427	-87	428	-772	87	-2994	0	223	-135	229	-3120	0	3241	317	460	0	307
308	-770	298	375	-92	377	-772	87	-3114	0	186	-136	193	-2977	0	3079	301	454	0	308
309	-732	267	352	-107	354	-735	87	-2969	0	41	-34	41	-3034	0	3055	298	432	0	309
310	-732	309	320	-23	320	-728	89	-3019	0	53	-33	53	-3020	0	3037	297	432	0	310
311	-732	309	320	-23	320	-728	89	-3019	0	53	-33	53	-3020	0	3037	297	432	0	311
312	-728	308	320	-23	320	-728	89	-3019	0	53	-33	53	-3020	0	3037	297	432	0	312

TIME 49 = 7000.000HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE= 1.0000

NODAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	.2954E-03	.2	-.8420E-04	.2905E-03	5	-.2242E-03	.2574E-03	4	-.5632E-03	.2477E-03
5	-.5085E-03	.2112E-03	6	-.6225E-03	.1812E-03	7	-.7145E-03	.1542E-03	8	-.7881E-03	.9599E-04
9	-.8226E-03	.4832E-04	10	-.6457E-03	0.	11	0.	.5228E-03	12	-.9156E-04	.3154E-03
15	-.1993E-03	.2977E-03	14	-.8269E-03	.2487E-03	15	-.4483E-03	.1995E-03	16	-.5783E-03	.1451E-03
17	-.6889E-03	.9353E-04	18	-.7764E-03	.5652E-04	19	-.8378E-03	.2433E-04	20	-.8524E-03	0.
21	0.	.3480E-03	22	-.9657E-04	.5460E-03	23	-.2022E-03	.5116E-03	24	-.3092E-03	.2631E-03
25	-.4590E-03	.1966E-03	26	-.5600E-03	.1305E-03	27	-.6838E-03	.7973E-04	28	-.7798E-03	.3819E-04
29	-.6483E-03	.1669E-04	30	-.8681E-03	0.	31	0.	.3859E-03	32	-.1040E-03	.5717E-03
33	-.2099E-03	.3369E-04	34	-.3302E-03	.2800E-03	35	-.4494E-03	.2092E-03	36	-.5844E-03	.1424E-03
37	-.7018E-03	.8093E-04	38	-.8061E-03	.4353E-04	39	-.8715E-03	.1526E-03	40	-.8955E-03	0.
41	0.	.4156E-03	42	-.1154E-03	.4026E-03	43	-.2342E-03	.3652E-03	44	-.3554E-03	.3031E-03
45	-.4916E-03	.2331E-03	46	-.6191E-03	.1587E-03	47	-.7473E-03	.1011E-03	48	-.8455E-03	.5192E-04
49	-.9151E-03	.2330E-04	50	-.9368E-03	0.	51	0.	.4568E-03	52	-.1326E-03	.4418E-03
53	-.2663E-03	.4019E-03	54	-.4097E-03	.3403E-03	55	-.5482E-03	.2651E-03	56	-.6925E-03	.1932E-03
57	-.8155E-03	.1240E-03	58	-.9218E-03	.4837E-03	59	-.9870E-03	.3184E-04	60	-.1012E-02	0.
61	0.	.5005E-03	62	-.1514E-03	.4861E-03	63	-.5078E-03	.4436E-03	64	-.4615E-03	.3788E-03
65	-.6209E-03	.3040E-03	66	-.7664E-03	.2230E-03	67	-.9017E-03	.1552E-03	68	-.1003E-02	.9193E-04
69	-.1075E-02	.4412E-04	70	-.1098E-02	0.	71	0.	.5610E-03	72	-.1785E-03	.5442E-03
73	-.5563E-03	.4992E-03	74	-.5391E-03	.4505E-03	75	-.7080E-03	.3491E-03	76	-.8740E-03	.2660E-03
77	-.1011E-02	.1863E-03	78	-.1124E-02	.1181E-03	79	-.1144E-02	.5557E-04	80	-.1220E-02	0.
81	0.	.6231E-03	82	-.1741E-03	.6162E-03	83	-.5487E-03	.5942E-03	84	-.1258E-02	.5704E-03
85	-.6883E-03	.4225E-03	86	-.9538E-03	.3166E-03	87	-.1224E-02	.2136E-03	88	-.1706E-03	.1301E-03
89	-.1284E-02	.6092E-04	90	-.1246E-02	0.	91	0.	.7086E-03	92	-.1047E-02	.7003E-03
93	-.3387E-03	.6846E-03	94	-.4998E-03	.6605E-03	95	-.6465E-03	.6382E-03	96	-.6671E-03	.5287E-03
97	-.9051E-03	.4939E-03	98	-.9310E-03	.3668E-03	99	-.1192E-02	.5004E-03	100	-.1467E-02	.2070E-03
101	-.1494E-02	.1078E-03	102	-.1119E-02	0.	103	0.	.7904E-03	104	-.1621E-03	.7874E-03
105	-.3242E-03	.7698E-03	106	-.4793E-03	.7509E-03	107	-.6244E-03	.7291E-03	108	-.8559E-03	.6969E-03
109	-.8801E-03	.6039E-03	110	-.1194E-02	.5740E-03	111	-.1144E-02	.4663E-03	112	-.1168E-02	.3795E-03
113	-.1436E-02	.5054E-03	114	-.1948E-02	0.	115	-.1947E-02	.9463E-04	116	-.1935E-02	.2081E-03
117	-.1925E-02	.3256E-03	118	-.1909E-02	.5274E-03	119	-.1866E-02	.5982E-03	120	-.1047E-02	.6679E-03
121	-.1363E-02	.6400E-03	122	-.1485E-02	.5274E-03	123	-.1410E-02	.4144E-03	124	-.2587E-02	0.
125	-.2389E-02	.9112E-04	126	-.2400E-02	.1629E-03	127	-.2408E-02	.2888E-03	128	-.2427E-02	.4038E-03
129	-.2429E-02	.5544E-03	130	-.2721E-02	0.	131	-.2727E-02	.1030E-03	132	-.2755E-02	.2075E-03
133	-.2808E-02	.3308E-03	134	-.2898E-02	.4771E-03	135	-.3041E-02	0.	136	-.3055E-02	.6503E-04
137	-.5081E-02	.1893E-03	138	-.3181E-02	.2817E-03	139	-.3594E-02	.4435E-03	140	-.3353E-02	0.
141	-.3369E-02	.8914E-04	142	-.3385E-02	.1777E-03	143	-.3524E-02	.2734E-03	144	-.3902E-02	.2481E-03
145	-.3720E-02	0.	146	-.3761E-02	.8472E-04	147	-.3726E-02	.1673E-03	148	-.3911E-02	.1172E-03
149	-.4141E-02	.3882E-03	150	-.4615E-02	.4390E-03	151	-.4052E-02	0.	152	-.4065E-02	.5328E-03
153	-.4201E-02	.2226E-03	154	-.4287E-02	.3349E-03	155	-.4468E-02	.4405E-03	156	-.4730E-02	.2481E-03
157	-.5272E-02	.5686E-03	158	-.4402E-02	0.	159	-.4446E-02	.1734E-03	160	-.4567E-02	.3520E-03
161	-.4769E-02	.4947E-03	162	-.5045E-02	.6248E-03	163	-.5343E-02	.6814E-03	164	-.4560E-02	.6302E-03
165	-.5499E-02	.6981E-03	166	-.4746E-02	0.	167	-.4823E-02	.5041E-02	168	-.5041E-02	.5002E-03
169	-.5345E-02	.7087E-03	170	-.5563E-02	.7800E-03	171	-.5262E-02	0.	172	-.5315E-02	.2550E-03
173	-.5470E-02	.5077E-03	174	-.5682E-02	.6708E-03	175	-.5766E-02	.8260E-03	176	-.5730E-02	.8071E-03
177	-.5777E-02	.2464E-03	178	-.5881E-02	.4601E-03	179	-.6005E-02	.6610E-03	180	-.6075E-02	.6443E-03
181	-.6172E-02	0.	182	-.6205E-02	.2340E-03	183	-.6285E-02	.4582E-03	184	-.6377E-02	.4813E-03
185	-.6425E-02	.8155E-03	186	-.6600E-02	0.	187	-.6621E-02	.2554E-03	188	-.6690E-02	0.
189	-.6762E-02	.6798E-03	190	-.6808E-02	.8492E-03						

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TIME ELEM	49 = EPS-R/	7000.000HOURS AT PRESSURE = EPS-1/ EPS-2/ EPS-3/	-1670 /ANGL	0.0000 SIG-M/SIG-1/	U.0000 AND AT TEMPERATURE= SIG-2/ SIG-3/	1.0000 ALFA/SIG-1/	ELAST/	PLA/ELEM
1	-2664	881	892	-20	892	881	236	0
2	-2443	1194	795	66	795	1194	236	0
3	-2431	1552	817	1582	817	1552	236	0
4	-3645	1525	1537	1582	1537	1525	236	0
5	-3680	1800	1221	2388	1221	1800	236	0
6	-2422	1344	667	1579	667	1344	236	0
7	-2113	1118	668	1400	668	1118	236	0
8	-2360	1491	425	3298	425	1491	236	0
9	-1389	811	538	2591	538	811	236	0
10	-1219	704	302	1789	302	704	236	0
11	-749	330	324	1209	324	330	236	0
12	-770	355	508	1111	508	355	236	0
13	-413	29	423	924	423	29	236	0
14	-460	217	490	200	490	217	236	0
15	-204	426	1192	27	1192	426	236	0
16	-634	426	1192	27	1192	426	236	0
17	-508	618	1397	328	1397	618	236	0
18	-204	331	636	363	636	331	236	0
19	-2189	1176	633	9	633	1176	236	0
20	-2434	1177	803	171	803	1177	236	0
21	-2804	1519	825	110	825	1519	236	0
22	-2214	1236	599	105	599	1236	236	0
23	-2259	1208	686	-118	686	1208	236	0
24	-2703	1334	969	1116	969	1334	236	0
25	-2496	1200	940	1045	940	1200	236	0
26	-2067	907	887	870	887	907	236	0
27	-1884	767	888	715	888	767	236	0
28	-1855	733	903	1753	903	733	236	0
29	-1485	520	811	1389	811	520	236	0
30	-1266	378	774	1604	774	378	236	0
31	-945	229	650	1120	650	229	236	0
32	-859	113	714	1363	714	113	236	0
33	-631	-27	669	751	669	-27	236	0
34	-404	-9	418	1094	418	-9	236	0
35	-253	-184	636	347	636	-184	236	0
36	-2189	1183	630	8	630	1183	236	0
37	-1885	1076	474	-7	474	1076	236	0
38	-1911	1063	519	-254	519	1063	236	0
39	-2229	1170	700	77	700	1170	236	0
40	-2383	1152	781	-125	781	1152	236	0
41	-2019	947	787	-32	787	947	236	0
42	-2019	947	787	-32	787	947	236	0
43	-2300	907	1120	700	907	1120	236	0
44	-2172	833	1089	628	833	1089	236	0
45	-1854	609	1061	938	609	1061	236	0
46	-1694	564	960	833	960	564	236	0
47	-1619	487	985	1656	985	487	236	0
48	-1336	404	805	1271	805	404	236	0
49	-1039	284	669	1428	669	284	236	0
50	-827	251	501	907	501	251	236	0
51	-691	177	462	1178	462	177	236	0
52	-548	144	362	391	362	144	236	0
53	-457	141	274	389	274	141	236	0
54	-1744	977	462	-128	462	977	236	0
55	-1888	1015	559	-36	559	1015	236	0
56	-1421	1008	601	-268	601	1008	236	0
57	-1825	941	596	-220	596	941	236	0
58	-1897	933	679	-421	679	933	236	0
59	-2051	900	879	-57	879	900	236	0
60	-2101	881	933	-156	933	881	236	0
61	-1984	749	1009	163	1009	749	236	0
62	-1984	749	1009	163	1009	749	236	0

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63	-1979	747	1007	161	1005	-1981	-88	-7513	0	752	272	761	-7522	*	0	7930	776	1224	0	63
64	-1973	660	1114	872	1174	-2033	-81	-7246	0	1272	1242	1450	-7424	*	0	8245	806	1274	0	64
65	-1832	636	1003	797	1058	-1887	-81	-6786	0	1017	1139	1180	-6949	*	0	7608	744	1179	0	65
66	-1594	496	948	1087	1059	-1705	-78	-5750	0	1268	1523	1585	-6066	*	0	6945	684	1080	0	66
67	-1433	495	789	901	877	-1521	-78	-5506	0	824	1263	1075	-5556	*	0	6165	603	953	0	67
68	-1240	422	690	1379	911	-1461	-72	-4571	0	745	1916	1364	-5190	*	0	5990	586	927	0	68
69	-1041	404	514	899	635	-1162	-74	-3976	0	307	1254	647	-4316	*	0	4673	457	924	0	69
70	-885	325	461	904	549	-1022	-72	-3322	0	396	1257	782	-3707	*	0	4154	406	842	0	70
71	-781	324	359	333	363	-805	-81	-3039	0	114	464	181	-3106	*	0	3200	313	495	0	71
72	-688	318	274	369	308	-722	-79	-2763	0	115	514	18	-2860	*	0	2850	278	443	0	72
73	-1744	920	539	-121	541	-1746	-88	-7411	0	1137	-195	-1131	-7417	*	0	6921	677	1065	0	73
74	-1675	881	522	-91	523	-1676	-88	-7105	0	1041	-145	-1037	-7109	*	0	6651	650	1022	0	74
75	-1712	880	561	-306	571	-1722	-85	-7212	0	927	-145	-893	-7246	*	0	6443	664	1048	0	75
76	-1825	882	672	-199	676	-1829	-87	-7537	0	568	-295	-555	-7550	*	0	7288	713	1111	0	76
77	-1897	878	750	-388	764	-1911	-85	-7720	0	346	-546	-305	-7760	*	0	7612	744	1163	0	77
78	-1840	793	807	-190	811	-1844	-88	-7503	0	90	-255	98	-7512	*	0	7362	720	1125	0	78
79	-1891	797	852	-238	857	-1896	-87	-7447	0	184	-312	197	-7460	*	0	7560	739	1160	0	79
80	-1487	749	1011	161	1015	-1989	-88	-7572	0	763	257	771	-7580	*	0	7993	782	1226	0	80
81	-1982	747	1009	160	1011	-1985	-88	-7540	0	737	260	745	-7548	*	0	7947	777	1226	0	81
82	-1812	627	996	461	1014	-1831	-85	-6731	0	1052	766	1109	-6787	*	0	7404	724	1140	0	82
83	-1743	638	911	409	930	-1762	-85	-6569	0	771	646	827	-6625	*	0	7075	692	1092	0	83
84	-1671	577	918	990	1010	-1763	-79	-6198	0	946	1395	1209	-6460	*	0	7142	698	1103	0	84
85	-1519	577	767	814	837	-1589	-80	-5777	0	522	1146	724	-5979	*	0	6372	623	986	0	85
86	-1320	475	702	889	796	-1414	-78	-4943	0	647	1244	911	-5207	*	0	5718	559	883	0	86
87	-1202	483	573	610	624	-1253	-80	-4644	0	260	854	405	-4789	*	0	5004	489	773	0	87
88	-1054	460	454	842	562	-1161	-75	-4170	0	18	1162	284	-4473	*	0	4622	452	715	0	88
89	-955	459	356	291	372	-971	-83	-3902	0	289	406	244	-3947	*	0	3830	374	594	0	89
90	-940	416	398	231	408	-950	-85	-3738	0	37	324	9	-3766	*	0	3762	368	582	0	90
91	-1631	829	546	-107	548	-1632	-88	-6833	0	828	-158	-824	-6837	*	0	6464	632	995	0	91
92	-1675	833	586	-81	587	-1675	-88	-6961	0	715	-124	-712	-6963	*	0	6636	649	1021	0	92
93	-1711	832	623	-285	632	-1720	-86	-7067	0	608	-423	-580	-7095	*	0	6823	667	1047	0	93
94	-1701	797	661	-220	666	-1706	-87	-6935	0	373	-321	-357	-6951	*	0	6779	663	1039	0	94
95	-1759	802	711	-338	723	-1771	-85	-7118	0	251	-485	-217	-7152	*	0	7046	689	1079	0	95
96	-1828	770	823	-155	825	-1830	-88	-7213	0	177	-212	183	-7219	*	0	7312	715	1118	0	96
97	-1874	772	866	-204	870	-1878	-87	-7337	0	276	-270	285	-7347	*	0	7494	733	1150	0	97
98	-1825	701	912	13	912	-1825	-89	-6992	0	622	33	622	-6992	*	0	7323	716	1123	0	98
99	-1833	716	899	35	899	-1833	-89	-7052	0	527	66	527	-7053	*	0	7331	717	1128	0	99
100	-1816	661	954	415	969	-1832	-85	-6847	0	828	600	875	-6893	*	0	7370	721	1134	0	100
101	-1748	667	878	398	893	-1763	-85	-6670	0	585	573	630	-6715	*	0	7051	689	1088	0	101
102	-1607	581	850	587	885	-1642	-83	-6037	0	764	831	864	-6137	*	0	6612	647	1019	0	102
103	-1530	599	749	512	777	-1558	-83	-5878	0	421	724	503	-5960	*	0	6227	609	961	0	103
104	-1400	555	676	796	750	-1473	-79	-5391	0	336	1117	546	-5601	*	0	5894	576	910	0	104
105	-1286	559	557	528	594	-1323	-81	-5092	0	8	741	97	-5198	*	0	5248	513	812	0	105
106	-1201	506	542	514	579	-1238	-81	-4710	0	107	720	213	-4815	*	0	4425	481	761	0	106
107	-1145	513	476	209	483	-1152	-86	-4580	0	96	292	47	-4599	*	0	4560	446	705	0	107
108	-1069	514	398	220	406	-1077	-85	-4371	0	327	308	303	-4394	*	0	4250	415	658	0	108
109	-1631	786	604	-102	605	-1632	-88	-6703	0	529	-151	-525	-6706	*	0	6459	632	995	0	109
110	-1620	776	607	-90	608	-1621	-88	-6647	0	486	-134	-483	-6650	*	0	6422	624	988	0	110
111	-1645	775	635	-233	639	-1651	-86	-6717	0	411	-340	-393	-6736	*	0	6548	640	1006	0	111
112	-1693	766	693	-181	697	-1696	-87	-6823	0	198	-262	-188	-6834	*	0	6741	659	1034	0	112
113	-1746	769	742	-295	751	-1755	-86	-6983	0	73	-423	-48	-7009	*	0	6985	683	1070	0	113
114	-1715	717	780	-184	783	-1718	-87	-6737	0	199	-261	209	-6747	*	0	6854	670	1051	0	114
115	-1769	748	792	-174	795	-1772	-88	-6982	0	127	-241	155	-6991	*	0	7059	690	1083	0	115
116	-1803	705	883	24	883	-1803	-89	-6949	0	516	47	516	-6950	*	0	7222	706	1108	0	116
117	-1806	714	874	37	874	-1806	-89	-6975	0	454	66	455	-6975	*	0	7214	705	1110	0	117
118	-1724	650	877	205	881	-1728	-87	-6561	0	654	298	666	-6573	*	0	6931	678	1066	0	118
119	-1676	674	797	215	801	-1680	-87	-6498	0	345	310	359	-6512	*	0	6699	655	1033	0	119
120	-1618	623	805	515	832	-1645	-85	-6191	0	510	732	589	-6270	*	0	6584	644	1016	0	120
121	-1542	634	716	435	736	-1563	-84	-6011	0	225	617	286	-6071	*	0	6219	608	960	0	121
122	-1432	572	686	480	714	-1459	-83	-5530	0	332	676	409	-5607	*	0	5823	569	899	0	122
123	-1370	594	596	343	611	-1385	-84	-5427	0	8	483	51	-5469	*	0	5495	537	808	0	123
124	-1280	574	532	455	560	-1308	-82	-5121	0	121	639	-40	-5202	*	0	5181	507	801	0	124
125	-1221	576	473	163	477	-1231	-87	-4989	0	296	228	-287	-5000	*	0	4863	475	752	0	125
126	-1221	553	500	124	502	-1223	-87	-4899	0	141	174	-135	-4906	*	0	4840	473	747	0	126
127	-1617	736	656	-54	657	-1618	-89	-6522	0	229	-80	-228	-6523	*	0	6412	627	987	0	127
128	-1581	736	620	-62	621	-1581	-89	-6421	0	333	-89	-332	-6422	*	0	6262	612	964	0	128

133	-1638	751	556	-200	661	-1642	87	-6629	0	-279	-240	-265	-6642	*	0	6514	637	1002	0	0	133
134	-1619	716	684	-149	667	-1621	88	-6469	0	-85	-217	-77	-6471	*	0	6458	630	990	0	0	134
135	-1718	739	753	-204	757	-1722	87	-6822	0	37	-292	49	-6834	*	0	6859	671	1052	0	0	135
140	-1624	719	684	-179	688	-1627	87	-6494	0	-46	-257	86	-6504	*	0	6462	632	993	0	0	140
145	-1731	699	619	-101	820	-1732	88	-6733	0	344	-141	347	-6736	*	0	6916	665	1062	0	0	145
146	-1705	729	753	-175	756	-1708	87	-6750	0	71	-246	80	-6759	*	0	6799	665	1044	0	0	146
152	-1659	685	765	181	768	-1662	87	-6483	0	222	264	232	-6493	*	0	6612	647	1020	0	0	152
153	-1720	691	819	157	827	-1722	88	-6661	0	395	229	400	-6664	*	0	6877	672	1058	0	0	153
154	-1720	691	819	-10	819	-1720	89	-6671	0	373	-7	373	-6671	*	0	6865	671	1056	0	0	154
162	-1271	591	500	120	502	-1273	88	-5148	0	-255	169	-250	-5154	*	0	5033	492	777	0	0	162
163	-1308	614	507	104	509	-1310	88	-5317	0	-302	154	-297	-5322	*	0	5180	506	800	0	0	163
165	-1333	578	540	294	591	-1345	85	-5277	0	12	411	43	-5304	*	0	5351	521	824	0	0	165
165	-1405	635	576	219	583	-1411	86	-5640	0	-165	309	-148	-5657	*	0	5585	546	862	0	0	165
166	-1452	604	665	422	685	-1473	84	-5679	0	171	595	231	-5739	*	0	5859	573	905	0	0	166
167	-1547	675	665	251	672	-1554	86	-6150	0	-36	356	-15	-6171	*	0	6163	603	950	0	0	167
168	-1567	615	765	283	774	-1575	86	-6023	0	433	403	458	-6048	*	0	6290	615	970	0	0	168
129	-1581	707	657	62	658	-1581	89	-6338	0	-146	89	-144	-6339	*	0	6268	613	966	0	0	129
130	-1549	692	646	-48	646	-1550	89	-6206	0	-130	-71	-129	-6207	*	0	6148	601	948	0	0	130
131	-1472	645	670	-9	670	-1549	89	-6154	0	-12	-14	-12	-6154	*	0	6148	601	948	0	0	131
132	-1472	645	670	-27	629	-1472	88	-5855	0	-44	-37	-44	-5855	*	0	5853	570	900	0	0	132
135	-1619	707	695	-128	697	-1621	88	-6447	0	-33	-185	-28	-6452	*	0	6438	629	900	0	0	135
136	-1559	699	646	-118	648	-1560	88	-6254	0	-152	-170	-147	-6259	*	0	6186	605	953	0	0	136
137	-1559	681	670	-79	671	-1559	88	-6254	0	-34	-113	-32	-6204	*	0	6188	605	953	0	0	137
138	-1504	651	654	-52	655	-1504	89	-5961	0	13	-76	14	-5962	*	0	5964	584	920	0	0	138
141	-1624	711	695	-158	698	-1626	87	-6471	0	-44	-226	-36	-6479	*	0	6461	632	993	0	0	141
142	-1592	690	692	-137	695	-1593	88	-6318	0	10	-198	16	-6328	*	0	6336	620	975	0	0	142
143	-1592	688	693	-80	695	-1593	88	-6108	0	19	-117	21	-6320	*	0	6331	619	974	0	0	143
144	-1533	673	654	-75	655	-1534	88	-6108	0	-54	-107	-52	-6110	*	0	6084	595	937	0	0	144
147	-1662	693	758	-141	760	-1664	88	-6522	0	193	-202	199	-6528	*	0	6630	648	1019	0	0	147
147	-1662	693	758	-154	732	-1666	88	-6596	0	39	-222	46	-6603	*	0	6626	648	1018	0	0	147
148	-1604	699	692	-143	695	-1607	88	-6382	0	-17	-205	-10	-6389	*	0	6383	624	982	0	0	148
149	-1604	697	695	-86	699	-1605	88	-6378	0	-8	-123	-5	-6381	*	0	6378	624	981	0	0	149
150	-1604	681	699	-68	699	-1588	89	-6286	0	54	-94	55	-6288	*	0	6316	618	971	0	0	150
151	-1588	681	699	-68	699	-1588	89	-6286	0	225	10	225	-6641	*	0	6757	661	1039	0	0	151
155	-1696	701	781	3	781	-1696	89	-6641	0	143	-89	144	-6674	*	0	6752	660	1038	0	0	155
156	-1696	713	765	-65	765	-1696	89	-6678	0	196	-131	198	-6518	*	0	6620	647	1018	0	0	156
157	-1661	692	758	-95	759	-1661	88	-6515	0	107	-137	110	-6452	*	0	6508	636	1000	0	0	157
158	-1634	693	729	-97	730	-1635	88	-6449	0	63	-107	65	-6575	*	0	6608	646	1016	0	0	158
159	-1661	710	733	-76	734	-1661	89	-6484	0	18	-77	28	-6485	*	0	6499	635	999	0	0	159
160	-1634	705	714	-53	714	-1634	89	-6484	0	27	-77	28	-6485	*	0	6499	635	999	0	0	160
161	-1619	705	699	-56	699	-1620	89	-6444	0	-18	-77	28	-6485	*	0	6499	635	999	0	0	161
169	-1634	719	695	-144	697	-1636	88	-6521	0	373	210	-82	-6528	*	0	6490	635	1000	0	0	169
170	-1634	654	781	142	784	-1636	88	-6320	0	82	208	-75	-6528	*	0	6490	635	1000	0	0	170
178	-1329	629	507	97	508	-1330	88	-5418	0	348	136	-344	-5422	*	0	5258	514	812	0	0	178
179	-1346	619	538	225	583	-1346	88	-5433	0	-270	137	-217	-5437	*	0	5332	521	823	0	0	179
180	-1420	646	598	175	602	-1438	87	-5734	0	-201	316	-183	-5735	*	0	5646	557	874	0	0	180
181	-1434	640	598	175	602	-1438	87	-5734	0	-113	249	-102	-5745	*	0	5694	557	874	0	0	181
182	-1517	653	665	228	671	-1522	86	-5717	0	32	323	50	-6018	*	0	6043	591	932	0	0	182
183	-1517	650	695	214	700	-1522	87	-5931	0	190	304	206	-5946	*	0	6051	592	934	0	0	183
171	-1654	714	721	72	721	-1654	89	-6565	0	8	107	9	-6567	*	0	6572	643	1012	0	0	171
172	-1649	678	765	30	765	-1649	89	-6438	0	254	48	254	-6438	*	0	6569	642	1011	0	0	172
173	-1639	702	722	-24	718	-1639	89	-6494	0	55	15	55	-6494	*	0	6512	637	1002	0	0	173
174	-1619	705	718	-24	718	-1639	89	-6494	0	33	-33	33	-6494	*	0	6512	637	1002	0	0	174
175	-1641	696	733	-38	733	-1641	89	-6474	0	110	-52	110	-6474	*	0	6540	639	1004	0	0	175
176	-1641	710	714	-19	714	-1641	89	-6517	0	12	-26	12	-6517	*	0	6523	638	1003	0	0	176
177	-1652	713	722	-25	722	-1652	89	-6558	0	24	-35	25	-6559	*	0	6571	643	1010	0	0	177
184	-1573	717	637	95	638	-1575	88	-6347	0	238	139	-235	-6351	*	0	6236	610	961	0	0	184
185	-1581	659	721	118	722	-1582	88	-6191	0	182	171	186	-6196	*	0	6291	615	970	0	0	185
186	-1604	707	681	52	681	-1604	89	-6362	0	112	80	113	-6363	*	0	6420	628	989	0	0	186
187	-1615	684	722	53	723	-1615	89	-6450	0	4	16	4	-6450	*	0	6453	631	993	0	0	187
188	-1625	704	706	4	706	-1625	89	-6450	0	53	14	53	-6452	*	0	6478	633	997	0	0	188
189	-1630	699	718	8	718	-1630	89	-6452	0	-31	-26	-51	-6508	*	0	6492	635	999	0	0	189
190	-1635	713	703	-18	703	-1635	89	-6508	0	0	5	-0	-6600	*	0	6603	646	1015	0	0	190
191	-1661	719	722	-1	722	-1661	89	-6600	0	-477	4	-477	-6643	*	0	5420	530	836	0	0	191
192	-1371	669	498	3	498	-1371	89	-5643	0	-378	68	-377	-5775	*	0	5596	547	864	0	0	192
193	-1415	671	538	48	539	-1415	89	-5774	0	-350	50	-350	-5763	*	0	5596	547	864	0	0	193
194	-1415	669	542	54	542	-1415	89	-5762	0	0	0	0	0	0	0	5596	547	864	0	0	194

195	-1441	676	594	104	600	-1482	-84	-5967	0	-221	144	-217	-5971	*	0	5665	575	905	0	0	195
196	-1482	644	637	114	636	-1484	-84	-5884	0	-25	170	-20	-5894	*	0	5684	575	904	0	0	196
197	-1535	725	587	-35	587	-1534	89	-6257	0	-395	-47	-394	-6257	*	0	6069	593	935	0	0	197
198	-1565	678	681	67	681	-1566	89	-6205	0	12	100	14	-6207	*	0	6214	608	954	0	0	198
199	-1589	706	668	-30	668	-1589	89	-6353	0	-103	-40	-103	-6354	*	0	6303	616	971	0	0	199
200	-1618	699	706	32	706	-1618	89	-6416	0	20	50	21	-6417	*	0	6427	629	990	0	0	200
201	-1620	703	703	15	703	-1620	89	-6433	0	3	24	3	-6433	*	0	6455	629	991	0	0	201
202	-1637	722	694	-15	694	-1637	89	-6535	0	-81	-20	-81	-6535	*	0	6495	635	1000	0	0	202
203	-1374	671	498	3	498	-1374	89	-5657	0	-484	4	-484	-5657	*	0	5431	531	834	0	0	203
204	-1381	710	455	-35	455	-1381	89	-5787	0	-709	-48	-709	-5787	*	0	5468	535	843	0	0	204
205	-1453	698	542	-80	542	-1453	89	-5953	0	-692	-110	-692	-5953	*	0	5470	535	844	0	0	205
206	-1453	698	542	-18	542	-1453	89	-5953	0	-438	-22	-438	-5953	*	0	5476	562	846	0	0	206
207	-1453	664	587	-31	587	-1453	89	-6252	0	-207	-40	-207	-5852	*	0	5751	562	887	0	0	207
208	-1508	749	529	-154	532	-1510	87	-6252	0	-621	-210	-613	-6260	*	0	5977	584	921	0	0	208
209	-1508	715	574	-211	580	-1513	87	-6151	0	-392	-293	-377	-6166	*	0	5986	585	923	0	0	209
210	-1618	727	668	-93	669	-1619	88	-6494	0	-167	-127	-165	-6497	*	0	6016	627	984	0	0	210
211	-1618	708	694	-58	695	-1618	88	-6435	0	-53	-79	-52	-6436	*	0	6020	628	989	0	0	211
212	-1695	723	752	-146	752	-1697	88	-6694	0	-91	-203	-98	-6670	*	0	6750	660	1039	0	0	212
213	-1356	675	455	-9	455	-1356	89	-5563	0	-606	-15	-606	-5564	*	0	5286	517	815	0	0	213
214	-1346	716	411	-56	412	-1346	89	-5704	0	-847	-77	-846	-5710	*	0	5337	522	823	0	0	214
215	-1359	675	459	-98	460	-1341	88	-5573	0	-597	-135	-593	-5576	*	0	5305	519	818	0	0	215
216	-1374	733	418	-180	422	-1379	87	-5834	0	-877	-246	-865	-5847	*	0	5465	534	842	0	0	216
217	-1403	670	529	-153	532	-1406	87	-5729	0	-380	-209	-372	-5738	*	0	5561	544	858	0	0	217
218	-1472	738	509	-333	523	-1485	85	-6116	0	-635	-456	-597	-6153	*	0	5877	575	906	0	0	218
219	-1541	710	574	-257	582	-1548	86	-6311	0	-464	-356	-442	-6333	*	0	6124	599	945	0	0	219
220	-1593	785	569	-522	600	-1624	83	-6583	0	-603	-725	-516	-6670	*	0	6427	628	991	0	0	220
221	-1874	859	752	-318	762	-1884	86	-7376	0	-310	-444	-283	-7603	*	0	7485	730	1149	0	0	221
222	-1278	688	380	-55	380	-1278	89	-5442	0	-852	-76	-851	-5443	*	0	5071	496	781	0	0	222
223	-1311	690	411	-53	412	-1312	89	-5540	0	-769	-75	-768	-5541	*	0	5199	508	801	0	0	223
224	-1311	685	418	-143	421	-1314	87	-5525	0	-736	-197	-728	-5533	*	0	5208	509	802	0	0	224
225	-1303	710	377	-176	381	-1307	87	-5569	0	-923	-240	-911	-5582	*	0	5187	507	800	0	0	225
226	-1303	716	369	-472	402	-1336	82	-5585	0	-956	-651	-866	-5675	*	0	5295	518	817	0	0	226
227	-1491	753	509	-424	531	-1513	84	-6208	0	-677	-587	-615	-6270	*	0	5986	585	923	0	0	227
228	-1491	707	569	-572	608	-1530	82	-6069	0	-367	-802	-256	-6180	*	0	6056	592	934	0	0	228
229	-1906	1009	587	-948	678	-1907	79	-8087	0	-1207	-1336	-957	-8338	*	0	7403	775	1217	0	0	229
230	-1246	664	380	-55	380	-1247	89	-5288	0	-782	-76	-781	-5290	*	0	4905	483	762	0	0	230
231	-1255	689	356	-87	357	-1256	88	-5363	0	-927	-121	-923	-5386	*	0	4989	488	769	0	0	231
232	-1255	690	354	-90	355	-1256	88	-5368	0	-938	-126	-934	-5392	*	0	4990	488	769	0	0	232
233	-1219	652	369	-446	400	-1250	82	-5174	0	-769	-617	-684	-5254	*	0	4846	474	747	0	0	233
234	-1219	652	369	-446	400	-1250	82	-5174	0	-1054	-809	-922	-6042	*	0	4452	484	763	0	0	234
235	-1373	604	382	-567	430	-1453	78	-5911	0	-1654	-1793	-1148	-7951	*	0	5638	551	868	0	0	235
236	-1373	604	382	-567	430	-1453	78	-5911	0	-845	-221	-834	-5042	*	0	5782	565	892	0	0	236
237	-1695	987	405	-1301	590	-1880	74	-7440	0	-924	-109	-922	-5361	*	0	7443	728	1148	0	0	237
238	-1176	641	338	-162	343	-1180	86	-5030	0	-955	-113	-952	-5360	*	0	4681	458	722	0	0	238
239	-1254	684	356	-74	357	-1255	88	-5383	0	-700	-130	-695	-4830	*	0	4984	487	768	0	0	239
240	-1254	690	354	-81	355	-1255	88	-5383	0	-79	-1069	-327	-4531	*	0	4984	487	768	0	0	240
241	-1088	465	483	-717	574	-1179	76	-4283	0	-751	-707	-642	-5355	*	0	4324	423	666	0	0	241
242	-1088	465	483	-717	574	-1179	76	-4283	0	-751	-707	-642	-5355	*	0	4703	460	724	0	0	242
243	-1240	657	382	-506	421	-1278	81	-5247	0	-684	-1198	-386	-5516	*	0	5065	495	780	0	0	243
244	-1240	643	400	-870	508	-1348	76	-5218	0	-357	-1421	-75	-5025	*	0	5333	521	822	0	0	244
245	-1120	549	409	-1024	561	-1276	73	-4592	0	-599	-1057	-360	-5272	*	0	5063	495	781	0	0	245
246	-1289	856	169	-1610	526	-1646	66	-5973	0	-1955	-2215	-973	-6955	*	0	6523	638	1004	0	0	246
247	-1062	554	338	-162	343	-1066	86	-4478	0	-594	-220	-581	-4490	*	0	4224	413	651	0	0	247
248	-973	388	468	-52	469	-974	89	-3754	0	-241	-66	-242	-3756	*	0	3483	379	599	0	0	248
249	-973	423	421	-441	455	-1007	81	-3861	0	3	-607	96	-3954	*	0	4003	391	617	0	0	249
250	-973	423	421	-441	455	-1007	81	-3861	0	3	-607	96	-3954	*	0	4003	391	617	0	0	250
251	-1522	794	683	-566	522	-1561	82	-6433	0	-907	-780	-799	-6541	*	0	6181	604	952	0	0	251
252	-1202	577	449	-194	455	-1208	86	-4925	0	-362	-278	-345	-4942	*	0	4778	467	737	0	0	252
253	-1202	615	400	-767	487	-1289	77	-5033	0	-599	-1057	-360	-5272	*	0	5101	499	786	0	0	253
254	-1046	478	422	-554	472	-1096	79	-4211	0	-151	-773	-8	-4354	*	0	4349	425	670	0	0	254
255	-1046	518	369	-881	495	-1172	73	-4332	0	-424	-1222	-74	-4683	*	0	4646	454	716	0	0	255
256	-625	351	169	-1246	511	-967	61	-2689	0	-454	-1722	-481	-3625	*	0	3684	360	599	0	0	256
257	-564	372	78	-878	501	-787	63	-2547	0	-820	-1216	-202	-3215	*	0	5119	505	479	0	0	257
258	-1118	498	468	-51	469	-1118	89	-4472	0	-87	-70	-85	-4473	*	0	4430	433	684	0	0	258
259	-1190	487	554	-71	555	-1190	88	-4638	0	-184	-69	-186	-4640	*	0	4736	463	731	0	0	259
260	-1109	526	421	-449	453	-1141	81	-4536	0	-305	-611	-218	-4622	*	0	4517	442	696	0	0	260



Data Derivations

261	-1008	408	476	-208	486	-1018	65	-3914	0	195	-301	221	-3945	0	4058	597	626	0	261
262	-1027	443	449	-199	456	-1034	86	-4067	0	28	-276	47	-4085	0	4109	402	634	0	262
263	-1105	521	422	-582	475	-1156	79	-4508	0	-287	-798	-141	-4054	0	4585	448	706	0	263
264	-963	588	456	-407	485	-991	81	-3736	0	191	-565	271	-5816	0	3958	587	610	0	264
265	-963	454	369	-875	500	-1094	73	-3931	0	-240	-1205	118	-4290	0	4350	425	670	0	265
266	-714	282	346	-582	421	-786	75	-2743	0	149	-812	599	-2953	0	5172	310	489	0	266
267	-533	347	78	-928	326	-783	61	-2451	0	-751	-1278	-66	-5136	0	3103	503	478	0	267
268	-228	44	172	-540	308	-564	63	-732	0	591	-754	769	-1110	0	1637	160	249	0	268
269	-228	152	55	-246	101	-274	69	-1006	0	-219	-306	-88	-1137	0	1095	107	166	0	269
270	-1102	420	554	-140	557	-1105	87	-4211	0	577	-194	385	-4219	0	4425	432	662	0	270
271	-1116	438	543	-165	548	-1120	87	-4304	0	284	-230	295	-4314	0	4471	437	649	0	271
272	-982	388	476	-347	446	-1003	83	-3788	0	250	-460	507	-3804	0	4006	542	618	0	272
273	-1017	429	456	-416	485	-1046	82	-4009	0	54	-577	139	-4090	0	4161	407	642	0	273
274	-870	318	456	-563	513	-928	78	-3278	0	400	-778	558	-3436	0	5747	560	578	0	274
275	-870	347	416	-590	481	-935	77	-3373	0	186	-817	565	-3551	0	5747	566	577	0	275
276	-663	243	346	-608	431	-747	74	-2504	0	299	-836	530	-2734	0	5034	296	468	0	276
277	-547	324	172	-703	509	-733	68	-2564	0	-440	-866	-67	-2942	0	2909	284	447	0	277
278	-291	114	142	-256	177	-326	74	-1109	0	91	-360	190	-1209	0	1315	128	203	0	278
279	-206	115	55	-264	110	-261	67	-898	0	-165	-361	-17	-1047	0	1038	101	159	0	279
280	-98	33	55	-164	90	-134	66	-367	0	72	-232	172	-467	0	573	56	85	0	280
281	-1031	374	543	-154	547	-1035	87	-3890	0	472	-211	482	-3900	0	4163	407	641	0	281
282	-982	362	510	-138	513	-985	87	-3721	0	406	-192	415	-3730	0	5954	366	609	0	282
283	-982	365	505	-344	524	-1002	83	-3732	0	381	-477	456	-3786	0	4022	393	620	0	283
284	-858	308	456	-419	489	-890	81	-3223	0	418	-579	508	-3513	0	3594	551	554	0	284
285	-858	338	416	-593	482	-923	77	-3315	0	213	-816	392	-3495	0	3707	362	571	0	285
286	-635	237	326	-460	378	-687	77	-2409	0	252	-840	348	-2555	0	2776	271	427	0	286
287	-635	249	310	-283	331	-655	81	-2446	0	170	-394	228	-2504	0	2626	257	404	0	287
288	-406	202	142	-344	192	-455	73	-1684	0	-169	-474	-33	-1820	0	1804	176	278	0	288
289	-935	339	492	-93	494	-937	88	-3529	0	420	-129	424	-3533	0	3763	368	580	0	289
290	-924	317	510	-122	512	-927	87	-3436	0	535	-168	542	-3443	0	3744	366	577	0	290
291	-924	321	505	-327	523	-943	83	-3447	0	510	-352	561	-3498	0	3810	372	587	0	291
292	-821	301	427	-302	445	-839	83	-3106	0	547	-419	597	-3156	0	3373	330	520	0	292
293	-821	321	401	-344	425	-845	82	-3163	0	218	-477	284	-3230	0	3381	330	521	0	293
294	-685	275	326	-404	365	-724	79	-2656	0	141	-558	249	-2763	0	2896	283	447	0	294
295	-685	287	310	-227	323	-698	83	-2692	0	59	-312	94	-2727	0	2775	271	428	0	295
296	-616	248	293	-175	301	-625	84	-2391	0	130	-243	153	-2414	0	2495	244	384	0	296
297	-882	299	492	-93	494	-884	88	-3269	0	537	-129	542	-3274	0	3576	349	551	0	297
298	-856	298	467	-92	469	-858	87	-3195	0	468	-128	472	-3199	0	3460	338	533	0	298
299	-856	312	408	-184	455	-863	85	-3237	0	373	-255	391	-3255	0	3467	339	534	0	299
300	-809	292	427	-210	436	-818	85	-3048	0	373	-290	348	-3073	0	3290	321	507	0	300
301	-809	312	401	-252	414	-822	84	-3106	0	244	-348	280	-3142	0	3291	322	507	0	301
302	-744	285	372	-217	382	-754	84	-2847	0	241	-301	270	-2877	0	3021	295	465	0	302
303	-744	308	342	-129	346	-748	86	-2912	0	96	-179	107	-2922	0	2977	291	458	0	303
304	-701	312	293	-123	297	-705	86	-2806	0	-57	-170	47	-2816	0	2743	273	431	0	304
305	-857	265	511	-40	511	-858	89	-3107	0	680	-54	681	-3108	0	3499	342	539	0	305
306	-830	278	467	-23	468	-830	89	-3068	0	525	-33	525	-3068	0	3362	329	518	0	306
307	-830	293	448	-116	451	-833	87	-3110	0	430	-160	437	-3118	0	3358	328	517	0	307
308	-809	274	450	-92	452	-811	87	-2998	0	487	-128	492	-3002	0	3276	320	505	0	308
309	-809	316	397	-97	399	-811	87	-3114	0	223	-135	229	-3120	0	3241	317	499	0	309
310	-769	304	372	-112	374	-771	87	-2969	0	186	-156	193	-2977	0	3079	301	475	0	310
311	-769	327	342	-25	342	-769	89	-3033	0	41	-34	41	-3034	0	3055	298	471	0	311
312	-764	326	338	-24	338	-764	89	-3019	0	33	-33	33	-3020	0	3037	297	468	0	312

TIME 50 = 8000.000HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE= 1.0000

NODAL POINT R-DISPLACEMENT 7-DISPLACEMENT

1	0.	-.5051E-03	2	-.4930E-04	3	-.2349E-03	4	-.3791E-03	5	-.2587E-03
5	-.5394E-03	-.2197E-03	6	-.6478E-03	7	-.7433E-03	8	-.9198E-03	9	-.9607E-04
13	-.8556E-03	-.5024E-04	10	-.8797E-03	11	0.	12	-.6019E-03	13	-.2075E-03
17	-.2084E-03	-.5100E-03	14	-.5410E-03	15	-.4669E-03	16	-.6019E-03	17	-.2075E-03
21	0.	-.7168E-03	15	-.4077E-03	16	-.5862E-04	17	-.8867E-03	18	-.3222E-03
25	-.4571E-03	-.9732E-03	18	-.1007E-03	19	-.3604E-03	20	-.3222E-03	21	-.2739E-03
29	-.6783E-03	-.3632E-03	22	-.5828E-03	23	-.1358E-03	24	-.8115E-03	30	-.5479E-04
33	-.2184E-03	-.2047E-03	25	-.5828E-03	26	0.	27	-.1042E-03	31	-.5479E-04
37	-.7301E-03	-.1740E-04	29	-.4930E-03	30	-.2418E-03	31	-.1042E-03	32	-.5479E-04
41	0.	-.2184E-03	33	-.3437E-03	34	-.4677E-03	35	-.6081E-03	33	-.5479E-04
45	-.5115E-03	-.8438E-04	37	-.4386E-03	38	-.9067E-03	39	-.9315E-03	34	-.5479E-04
49	-.4918E-03	-.4318E-03	41	-.1178E-03	42	-.2436E-03	43	-.5789E-03	35	-.5479E-04
53	-.2768E-03	-.2430E-03	45	-.6440E-03	46	-.1655E-03	47	-.1055E-03	36	-.5479E-04
57	-.8081E-03	-.2430E-03	49	-.9744E-03	50	0.	51	-.4770E-03	37	-.5479E-04
61	0.	-.4195E-03	53	-.4260E-03	54	-.5551E-03	55	-.2766E-03	38	-.5479E-04
65	-.6456E-03	-.1295E-03	57	-.9587E-03	58	-.7769E-04	59	-.3328E-04	39	-.5479E-04
69	-.1118E-02	-.5228E-03	61	-.1573E-03	62	-.5076E-03	63	-.4632E-03	40	-.5479E-04
73	-.3703E-03	-.5174E-03	65	-.7470E-03	66	-.2329E-03	67	-.1621E-03	41	-.5479E-04
77	-.1051E-02	-.4612E-04	69	-.1141E-02	70	0.	71	-.5860E-03	42	-.5479E-04
81	0.	-.1946E-03	73	-.5571E-03	74	-.4497E-03	75	-.3645E-03	43	-.5479E-04
85	-.7158E-03	-.6509E-03	77	-.1169E-02	78	-.1234E-02	79	-.5810E-04	44	-.5479E-04
89	-.1335E-02	-.4413E-03	81	-.1809E-03	82	-.6437E-03	83	-.6207E-03	45	-.5479E-04
93	-.3520E-03	-.4413E-03	85	-.9918E-03	86	-.3308E-03	87	-.1212E-02	46	-.5479E-04
97	-.4009E-03	-.5161E-03	89	-.1348E-02	90	0.	91	-.7403E-03	47	-.5479E-04
101	-.1535E-02	-.1127E-03	93	-.4498E-03	94	-.6901E-03	95	-.6719E-03	48	-.5479E-04
105	-.3369E-03	-.8043E-03	97	-.9679E-03	98	-.4041E-03	99	-.1239E-02	49	-.5479E-04
109	-.9147E-03	-.6311E-03	101	-.1568E-02	102	0.	103	-.6489E-03	50	-.5479E-04
113	-.1495E-02	-.3192E-03	105	-.2024E-02	106	-.5999E-03	107	-.6719E-03	51	-.5479E-04
117	-.2001E-02	-.3405E-03	109	-.1449E-02	110	0.	111	-.1189E-02	52	-.5479E-04
121	-.1416E-02	-.6690E-03	113	-.3012E-02	114	-.4803E-03	115	-.1042E-03	53	-.5479E-04
125	-.2483E-02	-.9542E-04	117	-.3503E-02	118	-.4803E-03	119	-.1961E-02	54	-.5479E-04
129	-.2525E-02	-.5800E-03	121	-.3503E-02	122	-.5513E-03	123	-.6256E-03	55	-.5479E-04
133	-.2918E-02	-.3507E-03	125	-.2494E-02	126	-.1916E-03	127	-.4332E-03	56	-.5479E-04
137	-.3201E-02	-.1985E-03	129	-.2494E-02	130	0.	128	-.4332E-03	57	-.5479E-04
141	-.3500E-02	-.9348E-04	133	-.3012E-02	134	-.4997E-03	129	-.4332E-03	58	-.5479E-04
145	-.3866E-02	0.	137	-.3503E-02	138	-.4997E-03	130	-.4332E-03	59	-.5479E-04
149	-.4303E-02	-.4065E-03	141	-.3503E-02	139	-.2944E-03	131	-.1079E-03	60	-.5479E-04
153	-.4366E-02	-.2326E-03	145	-.4794E-02	142	-.4803E-03	135	-.3174E-02	61	-.5479E-04
157	-.5474E-02	-.5951E-03	149	-.4794E-02	146	-.4803E-03	139	-.3174E-02	62	-.5479E-04
161	-.4955E-02	-.5167E-03	153	-.5243E-02	150	-.4803E-03	143	-.4803E-03	63	-.5479E-04
165	-.5714E-02	-.7294E-03	157	-.4932E-02	154	0.	147	-.5871E-02	64	-.5479E-04
169	-.5554E-02	-.7400E-03	161	-.4932E-02	158	0.	151	-.4211E-02	65	-.5479E-04
173	-.5684E-02	-.5298E-03	165	-.5782E-02	162	-.6526E-03	155	-.4843E-02	66	-.5479E-04
177	-.6003E-02	-.2571E-03	169	-.5685E-02	166	0.	159	-.4843E-02	67	-.5479E-04
181	-.6013E-02	0.	173	-.5685E-02	170	-.8145E-03	163	-.4843E-02	68	-.5479E-04
185	-.6677E-02	0.	177	-.5685E-02	174	-.7003E-03	167	-.4843E-02	69	-.5479E-04
189	-.7027E-02	-.7095E-03	181	-.6449E-02	178	-.4803E-03	171	-.5488E-02	70	-.5479E-04
			185	-.6859E-02	182	-.2442E-03	175	-.5935E-02	71	-.5479E-04
			189	-.7075E-02	186	0.	179	-.6241E-02	72	-.5479E-04
					190	-.8865E-03	183	-.6532E-02	73	-.5479E-04
							187	-.6880E-02	74	-.5479E-04
								-.6952E-02	75	-.5479E-04
								-.6952E-02	76	-.5479E-04
								-.6952E-02	77	-.5479E-04
								-.6952E-02	78	-.5479E-04
								-.6952E-02	79	-.5479E-04
								-.6952E-02	80	-.5479E-04
								-.6952E-02	81	-.5479E-04
								-.6952E-02	82	-.5479E-04
								-.6952E-02	83	-.5479E-04
								-.6952E-02	84	-.5479E-04
								-.6952E-02	85	-.5479E-04
								-.6952E-02	86	-.5479E-04
								-.6952E-02	87	-.5479E-04
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								-.6952E-02	103	-.5479E-04
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								-.6952E-02	110	-.5479E-04
								-.6952E-02	111	-.5479E-04
								-.6952E-02	112	-.5479E-04
								-.6952E-02	113	-.5479E-04
								-.6952E-02	114	-.5479E-04
								-.6952E-02	115	-.5479E-04
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								-.6952E-02	117	-.5479E-04
								-.6952E-02	118	-.5479E-04
								-.6952E-02	119	-.5479E-04
								-.6952E-02	120	-.5479E-04
								-.6952E-02	121	-.5479E-04
								-.6952E-02	122	-.5479E-04
								-.6952E-02	123	-.5479E-04
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								-.6952E-02	129	-.5479E-04
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								-.6952E-02	132	-.5479E-04
								-.6952E-02	133	-.5479E-04
								-.6952E-02	134	-.5479E-04
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								-.6952E-02	137	-.5479E-04
								-.6952E-02	138	-.5479E-04
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								-.6952E-02	140	-.5479E-04
								-.6952E-02	141	-.5479E-04
								-.6952E-02	142	-.5479E-04
								-.6952E-02	143	-.5479E-04
								-.6952E-02	144	-.5479E-04
								-.6952E-02	145	-.5479E-04
								-.6952E-02	146	-.5479E-04
								-.6952E-02	147	-.5479E-04
								-.6952E-02	148	-.5479E-04
								-.6952E-02	149	-.5479E-04
								-.6952E-02	150	-.5479E-04
								-.6952E-02	151	-.5479E-04
								-.6952E-02	152	-.5479E-04
								-.6952E-02	153	-.5479E-04
								-.6952E-02	154	-.5479E-04
								-.6952E-02	155	-.5479E-04
								-.6952E-02	156	-.5479E-04
</										



63	-2051	780	1051	170	1058	-2059	88	-7510	0	755	275	764	-7520	*	0	7930	775	1502	0	63
64	-2050	684	1162	909	1225	-2113	-81	-7244	0	1273	1243	1451	-7422	*	0	8244	606	1355	0	64
65	-1902	664	1046	830	1103	-1460	-81	-6784	0	1016	1140	1181	-6948	*	0	7607	744	1253	0	65
66	-1656	517	989	1132	1105	-1772	-78	-5749	0	1269	1523	1586	-6066	*	0	6995	684	1149	0	66
67	-1489	517	823	938	915	-1581	-78	-5307	0	825	1263	1076	-5557	*	0	6166	603	1013	0	67
68	-1289	441	720	1435	950	-1519	-72	-4572	0	745	1917	1364	-5191	*	0	5491	586	945	0	68
69	-1082	422	537	936	662	-1207	-74	-3976	0	406	1255	647	-4317	*	0	4675	457	769	0	69
70	-919	339	482	941	625	-1062	-72	-3321	0	399	1258	784	-3707	*	0	4155	406	683	0	70
71	-811	338	375	347	400	-836	-81	-5039	0	115	464	182	-3706	*	0	3201	313	527	0	71
72	-714	332	286	384	322	-750	-79	-2763	0	115	515	118	-2860	*	0	2851	278	470	0	72
73	-1612	963	564	128	565	-1814	88	-7414	0	1145	197	1139	-7420	*	0	6921	677	1133	0	73
74	-1741	922	547	-96	548	-1742	88	-7107	0	1045	147	1041	-7111	*	0	6651	650	1088	0	74
75	-1780	921	568	-321	548	-1791	85	-7216	0	932	262	747	-7545	*	0	6845	669	1117	0	75
76	-1899	924	705	-209	704	-1903	87	-7540	0	566	266	554	-7552	*	0	7291	713	1185	0	76
77	-1974	919	786	-404	801	-1948	85	-7721	0	345	546	304	-7762	*	0	7614	745	1240	0	77
78	-1915	849	846	-197	849	-1918	88	-7303	0	95	254	104	-7511	*	0	7364	720	1200	0	78
79	-1966	833	891	-247	897	-1912	87	-7445	0	184	310	200	-7458	*	0	7561	739	1236	0	79
80	-2066	783	1057	169	1059	-2064	-88	-7569	0	766	259	774	-7577	*	0	7993	782	1306	0	80
81	-2060	780	1053	164	1055	-2063	-88	-7537	0	739	262	747	-7545	*	0	7406	777	1304	0	81
82	-1884	655	1040	481	1059	-1904	-85	-6728	0	1055	666	1111	-6785	*	0	7404	724	1213	0	82
83	-1811	667	951	468	971	-1831	-85	-6567	0	772	646	828	-6624	*	0	7075	692	1162	0	83
84	-1736	603	958	1032	1054	-1832	-79	-6197	0	946	1394	1208	-6459	*	0	7141	698	1173	0	84
85	-1578	602	800	848	874	-1651	-79	-5778	0	521	1146	723	-5980	*	0	6373	623	1048	0	85
86	-1372	496	733	926	830	-1469	-78	-4942	0	648	1244	913	-5206	*	0	5718	559	939	0	86
87	-1249	504	599	635	652	-1302	-80	-4645	0	262	854	406	-4789	*	0	5005	489	822	0	87
88	-1094	480	474	867	586	-1206	-75	-4170	0	19	1163	284	-4474	*	0	4623	452	760	0	88
89	-992	479	372	302	389	-1008	-83	-3902	0	291	406	246	-5948	*	0	3831	374	631	0	89
90	-977	455	416	241	426	-987	-85	-3738	0	35	324	-7	-3767	*	0	3763	368	619	0	90
91	-1695	867	572	112	573	-1696	88	-6834	0	180	211	186	-7220	*	0	7315	715	1192	0	91
92	-1740	871	613	-85	614	-1741	88	-6962	0	832	159	828	-6839	*	0	6464	632	1059	0	92
93	-1779	871	652	-299	661	-1788	86	-7070	0	717	125	715	-6965	*	0	7323	716	1197	0	93
94	-1769	834	692	-230	697	-1775	87	-6936	0	611	426	583	-7098	*	0	7359	721	1207	0	94
95	-1830	840	705	-353	757	-1842	85	-7120	0	251	323	356	-6952	*	0	7050	689	1154	0	95
96	-1902	806	861	-162	864	-1904	88	-7214	0	251	447	217	-7155	*	0	6612	646	1085	0	96
97	-1948	808	906	-211	909	-1952	87	-7336	0	180	268	287	-7346	*	0	6228	609	1022	0	97
98	-1898	733	954	14	954	-1898	-89	-6990	0	625	35	626	-6990	*	0	5894	576	968	0	98
99	-1906	748	940	37	940	-1906	-89	-6990	0	529	67	529	-7051	*	0	4926	482	809	0	99
100	-1888	691	996	433	1012	-1904	-85	-6845	0	824	601	876	-6892	*	0	4251	415	699	0	100
101	-1816	697	916	415	932	-1832	-85	-6669	0	585	573	630	-6714	*	0	6459	632	1059	0	101
102	-1670	607	888	612	924	-1707	-83	-6035	0	766	832	866	-6136	*	0	6228	609	1022	0	102
103	-1590	626	782	534	812	-1620	-83	-5878	0	422	724	504	-5960	*	0	6549	640	1071	0	103
104	-1454	580	706	829	783	-1531	-79	-5390	0	356	1118	547	-5601	*	0	5894	576	968	0	104
105	-1336	584	582	550	621	-1375	-81	-5093	0	9	742	97	-5199	*	0	5248	513	863	0	105
106	-1248	529	566	535	605	-1287	-81	-4710	0	109	720	214	-4815	*	0	4926	482	809	0	106
107	-1190	536	498	217	505	-1197	-86	-4581	0	46	292	277	-4600	*	0	4561	446	749	0	107
108	-1110	537	416	229	425	-1118	-85	-4371	0	327	309	304	-4395	*	0	4251	415	699	0	108
109	-1695	821	632	-107	633	-1696	88	-6703	0	531	152	527	-6707	*	0	6459	632	1059	0	109
110	-1684	811	635	-94	636	-1685	88	-6648	0	484	135	342	-6651	*	0	6422	628	1052	0	110
111	-1710	810	662	-244	668	-1716	86	-6719	0	413	342	385	-6738	*	0	6549	640	1071	0	111
112	-1760	801	725	-189	724	-1787	87	-6737	0	198	263	187	-6835	*	0	6745	659	1102	0	112
113	-1816	804	776	-308	785	-1825	86	-6945	0	202	424	408	-7011	*	0	6987	683	1141	0	113
114	-1783	750	816	-192	819	-1787	87	-6737	0	24	261	212	-6747	*	0	6856	670	1120	0	114
115	-1839	783	828	-181	831	-1842	88	-6983	0	128	241	136	-6991	*	0	7060	690	1154	0	115
116	-1875	737	923	26	923	-1875	-89	-6949	0	518	49	518	-6949	*	0	7222	706	1180	0	116
117	-1877	746	913	39	914	-1877	-89	-6973	0	455	68	456	-6974	*	0	7213	705	1182	0	117
118	-1792	679	916	214	920	-1796	-87	-6559	0	657	299	689	-6572	*	0	6931	678	1135	0	118
119	-1742	704	832	224	837	-1746	-87	-6497	0	345	311	359	-6511	*	0	6698	655	1099	0	119
120	-1662	651	841	537	869	-1710	-83	-6190	0	510	733	589	-6269	*	0	6544	644	1081	0	120
121	-1602	662	747	454	769	-1624	-84	-6010	0	225	617	286	-6071	*	0	6219	608	1021	0	121
122	-1488	597	718	500	746	-1516	-83	-5529	0	334	676	411	-5606	*	0	5823	569	956	0	122
123	-1424	620	623	357	638	-1439	-84	-5427	0	9	483	51	-5470	*	0	5496	537	902	0	123
124	-1330	599	555	474	585	-1359	-82	-5122	0	121	639	41	-5202	*	0	5182	507	851	0	124
125	-1274	604	494	169	498	-1278	-87	-4990	0	298	228	287	-5001	*	0	4863	475	799	0	125
126	-1268	577	522	130	525	-1270	-87	-4900	0	141	174	134	-4906	*	0	4840	473	795	0	126
127	-1681	770	686	-57	687	-1681	89	-6523	0	229	80	228	-6524	*	0	6413	627	1051	0	127
128	-1643	769	648	-65	649	-1643	89	-6421	0	334	89	333	-6422	*	0	6262	612	1026	0	128

133	-1703	746	686	-209	691	-1707	87	-6631	0	-280	-291	-267	-6644	*	0	6514	637	1066	0	133
134	-1683	748	716	-156	714	-1645	88	-6470	0	-85	-216	-77	-6477	*	0	6434	630	1054	0	134
139	-1787	773	747	-213	792	-1791	87	-6824	0	36	-293	46	-6436	*	0	6661	671	1120	0	139
140	-1688	752	716	-187	719	-1691	87	-6495	0	96	-258	46	-6505	*	0	6462	632	1058	0	140
145	-1800	731	856	-105	857	-1801	88	-6734	0	344	-141	347	-6737	*	0	6917	676	1131	0	145
146	-1772	763	787	-183	790	-1776	87	-6751	0	72	-246	61	-6760	*	0	6800	665	1112	0	146
152	-1724	716	799	-193	803	-1727	87	-6482	0	221	-265	232	-6492	*	0	6611	646	1085	0	152
153	-1788	717	862	-164	865	-1790	88	-6660	0	393	-230	400	-6668	*	0	6877	672	1126	0	153
154	-1788	722	856	-110	856	-1788	89	-6669	0	375	-6	375	-6669	*	0	6865	671	1124	0	154
162	-1320	618	522	125	525	-1322	88	-5148	0	-255	169	-250	-5154	*	0	5034	492	827	0	162
163	-1359	642	530	113	532	-1361	88	-5314	0	-302	144	-248	-5323	*	0	5180	506	851	0	163
164	-1385	603	606	306	614	-1397	85	-5277	0	13	410	44	-5308	*	0	5331	521	876	0	164
165	-1460	663	602	228	609	-1466	86	-5640	0	-166	309	-148	-5658	*	0	5585	546	917	0	165
166	-1509	631	694	440	716	-1531	84	-5679	0	172	546	232	-5759	*	0	5858	573	962	0	166
167	-1607	706	695	261	702	-1614	86	-6150	0	-37	356	-17	-6171	*	0	6162	603	1011	0	167
168	-1628	642	799	295	808	-1637	86	-6021	0	435	403	460	-6046	*	0	6289	615	1032	0	168
169	-1643	740	687	-65	687	-1643	89	-6338	0	-146	-90	-145	-6359	*	0	6268	613	1028	0	169
170	-1610	723	676	-50	676	-1610	89	-6206	0	-130	-72	-129	-6207	*	0	6143	601	1007	0	170
171	-1610	704	700	-9	700	-1610	89	-6154	0	-12	-14	-12	-6154	*	0	6148	601	1008	0	171
172	-1620	712	700	-82	701	-1621	88	-6202	0	-34	-113	-32	-6204	*	0	6188	605	1015	0	172
173	-1563	680	684	-54	684	-1563	89	-5960	0	14	-76	-15	-5961	*	0	5969	584	974	0	173
174	-1688	743	727	-165	730	-1691	87	-6472	0	-45	-226	-37	-6480	*	0	6462	632	1058	0	174
175	-1655	719	726	-84	726	-1657	88	-6322	0	10	-199	16	-6328	*	0	6337	620	1038	0	175
176	-1655	719	726	-84	727	-1656	88	-6318	0	19	-117	21	-6320	*	0	6331	619	1037	0	176
177	-1593	704	684	-78	685	-1594	88	-6108	0	-54	-107	-52	-6110	*	0	6084	595	998	0	177
178	-1728	724	793	-147	795	-1730	88	-6522	0	194	-203	200	-6528	*	0	6631	648	1085	0	178
179	-1729	748	763	-161	795	-1732	88	-6597	0	38	-223	46	-6604	*	0	6628	648	1084	0	179
180	-1668	730	724	-149	726	-1670	88	-6374	0	-17	-206	-10	-6389	*	0	6384	624	1045	0	180
181	-1668	729	726	-90	727	-1669	88	-6374	0	-8	-124	-6	-6381	*	0	6378	624	1044	0	181
182	-1699	725	763	-101	764	-1700	88	-6449	0	108	-137	111	-6452	*	0	6509	636	1065	0	182
183	-1699	725	763	-101	767	-1727	89	-6575	0	63	-107	65	-6576	*	0	6609	646	1081	0	183
184	-1699	737	747	-56	747	-1699	89	-6485	0	27	-77	28	-6486	*	0	6500	636	1064	0	184
185	-1683	737	731	-58	731	-1684	89	-6445	0	-18	-80	-17	-6446	*	0	6437	629	1054	0	185
186	-1698	752	726	151	728	-1700	88	-6522	0	-85	208	-78	-6524	*	0	6490	636	1064	0	186
187	-1698	683	817	109	819	-1700	88	-6318	0	376	211	383	-6324	*	0	6525	638	1070	0	187
188	-1380	658	530	100	532	-1382	88	-5419	0	-349	136	-345	-5422	*	0	5258	514	864	0	188
189	-1394	647	563	101	564	-1400	88	-5433	0	-220	137	-216	-5437	*	0	5332	521	875	0	189
190	-1475	675	602	234	609	-1482	86	-5718	0	-203	316	-185	-5736	*	0	5646	552	927	0	190
191	-1490	669	625	182	629	-1494	87	-5734	0	-113	249	-102	-5745	*	0	5694	557	935	0	191
192	-1576	682	695	238	701	-1582	86	-6000	0	32	323	50	-6017	*	0	6042	591	992	0	192
193	-1576	659	726	223	731	-1581	87	-5929	0	192	305	207	-5944	*	0	6051	592	993	0	193
194	-1714	747	753	75	754	-1720	89	-6566	0	6	108	7	-6568	*	0	6572	643	1077	0	194
195	-1703	734	755	8	755	-1703	89	-6485	0	54	15	54	-6485	*	0	6512	637	1067	0	195
196	-1703	738	750	-25	750	-1703	89	-6494	0	33	-32	33	-6495	*	0	6511	637	1067	0	196
197	-1706	727	766	-39	767	-1706	89	-6474	0	111	-51	111	-6475	*	0	6531	639	1069	0	197
198	-1718	745	754	-26	755	-1718	89	-6559	0	24	-26	25	-6560	*	0	6524	636	1068	0	198
199	-1635	750	666	100	667	-1636	88	-6348	0	-241	139	-238	-6352	*	0	6236	610	1023	0	199
200	-1642	684	753	123	755	-1644	88	-6190	0	163	172	188	-6194	*	0	6291	615	1032	0	200
201	-1667	739	712	54	712	-1667	89	-6399	0	-78	77	-77	-6400	*	0	6362	622	1043	0	201
202	-1678	715	755	56	755	-1679	89	-6361	0	112	81	113	-6362	*	0	6420	628	1052	0	202
203	-1689	736	738	10	738	-1689	89	-6450	0	4	16	4	-6450	*	0	6453	631	1057	0	203
204	-1694	731	750	8	750	-1694	89	-6452	0	53	14	53	-6452	*	0	6478	633	1061	0	204
205	-1699	746	735	-19	735	-1699	89	-6508	0	-52	-26	-32	-6508	*	0	6492	635	1063	0	205
206	-1727	752	754	-1	754	-1727	89	-6601	0	5	-0	5	-6601	*	0	6604	646	1081	0	206
207	-1424	699	521	3	521	-1424	89	-5643	0	-478	4	-478	-5643	*	0	5420	530	890	0	207
208	-1470	701	563	50	563	-1470	89	-5714	0	-379	67	-378	-5715	*	0	5596	547	919	0	208
209	-1470	694	567	36	567	-1470	89	-5762	0	-350	49	-349	-5763	*	0	5596	547	919	0	209



195	-1534	706	625	109	627	-1540	-88	-5967	0	-222	148	-214	-5971	*	0	5665	574	963	0	0	195
196	-1540	677	666	123	667	-1542	-88	-5888	0	-25	170	-20	-5843	*	0	5683	574	966	0	0	196
197	-1593	758	613	-37	614	-1593	89	-6258	0	-397	-47	-39	-6258	*	0	6069	593	995	0	0	197
198	-1626	708	712	70	712	-1627	89	-6205	0	12	100	14	-6207	*	0	6214	604	1014	0	0	198
199	-1651	738	699	-32	699	-1652	89	-6353	0	-103	-40	-103	-6353	*	0	6302	616	1033	0	0	199
200	-1682	731	738	34	738	-1682	89	-6416	0	21	51	21	-6417	*	0	6427	628	1053	0	0	200
201	-1684	735	735	16	735	-1684	89	-6433	0	3	24	3	-6433	*	0	6435	629	1055	0	0	201
202	-1701	755	726	-16	726	-1701	89	-6535	0	-81	-19	-81	-6535	*	0	6495	635	1064	0	0	202
203	-1721	701	521	3	521	-1721	89	-6567	0	-484	4	-484	-6567	*	0	6491	635	1064	0	0	203
204	-1435	742	477	-37	477	-1435	89	-5788	0	-710	-47	-709	-5788	*	0	5431	531	891	0	0	204
205	-1435	739	480	-83	481	-1436	88	-5780	0	-692	-110	-690	-5782	*	0	5464	535	897	0	0	205
206	-1504	729	567	-19	567	-1506	89	-5953	0	-439	-21	-439	-5953	*	0	5470	535	897	0	0	206
207	-1509	694	613	-32	614	-1509	89	-5850	0	-206	-40	-206	-5851	*	0	5746	562	943	0	0	207
208	-1566	783	554	-161	557	-1569	87	-6253	0	-623	-209	-615	-6261	*	0	5750	562	944	0	0	208
209	-1566	747	601	-220	606	-1572	87	-6151	0	-342	-293	-377	-6168	*	0	5977	584	980	0	0	209
210	-1681	760	699	-97	700	-1682	88	-6495	0	-168	-127	-165	-6497	*	0	5986	585	982	0	0	210
211	-1681	740	726	-60	726	-1681	89	-6435	0	-33	-78	-32	-6436	*	0	6416	627	1052	0	0	211
212	-1762	755	787	-152	789	-1764	88	-6694	0	93	-204	99	-6700	*	0	6420	628	1053	0	0	212
213	-1388	705	477	-9	477	-1388	89	-5563	0	-606	-13	-606	-5563	*	0	6750	660	1106	0	0	213
214	-1388	748	431	-59	432	-1399	89	-5709	0	-847	-76	-846	-5710	*	0	5286	517	867	0	0	214
215	-1391	705	480	-102	482	-1393	88	-5572	0	-596	-135	-593	-5576	*	0	5338	522	875	0	0	215
216	-1427	766	438	-188	442	-1432	87	-5835	0	-878	-246	-866	-5847	*	0	5466	534	896	0	0	216
217	-1457	700	554	-159	557	-1460	87	-5728	0	-578	-209	-370	-5737	*	0	5561	544	913	0	0	217
218	-1529	771	532	-346	547	-1543	85	-6116	0	-635	-455	-597	-6133	*	0	5877	575	964	0	0	218
219	-1600	774	601	-268	604	-1609	86	-6311	0	-465	-356	-443	-6333	*	0	6123	599	1005	0	0	219
220	-1655	820	595	-544	628	-1688	83	-6583	0	-604	-726	-517	-6670	*	0	6427	628	1054	0	0	220
221	-1948	898	787	-331	797	-1958	86	-7577	0	-312	-445	-285	-7604	*	0	7065	730	1223	0	0	221
222	-1327	719	398	-57	399	-1328	89	-5442	0	-852	-76	-851	-5443	*	0	5072	496	831	0	0	222
223	-1362	721	431	-55	432	-1363	89	-5540	0	-769	-73	-768	-5541	*	0	5149	508	852	0	0	223
224	-1362	716	438	-149	441	-1363	87	-5525	0	-735	-197	-727	-5533	*	0	5208	509	854	0	0	224
225	-1353	742	395	-183	400	-1358	87	-5569	0	-923	-239	-911	-5581	*	0	5166	507	851	0	0	225
226	-1353	748	387	-491	421	-1387	82	-5585	0	-956	-650	-866	-5674	*	0	5295	518	869	0	0	226
227	-1549	787	532	-441	556	-1572	84	-6207	0	-677	-587	-615	-6269	*	0	5985	585	982	0	0	227
228	-1349	739	595	-596	636	-1509	82	-6067	0	-365	-604	-253	-6178	*	0	6055	592	994	0	0	228
229	-1980	1055	615	-1008	709	-1987	79	-8090	0	-1214	-1355	-964	-8341	*	0	7903	773	1296	0	0	229
230	-1295	694	398	-57	399	-1295	89	-5288	0	-781	-76	-780	-5290	*	0	4946	483	811	0	0	230
231	-1304	720	373	-91	375	-1305	88	-5384	0	-927	-121	-924	-5387	*	0	4989	488	818	0	0	231
232	-1304	722	371	-94	372	-1305	88	-5384	0	-938	-126	-935	-5392	*	0	4991	488	818	0	0	232
233	-1266	681	587	-464	419	-1270	87	-5158	0	-734	-206	-725	-5168	*	0	4846	474	795	0	0	233
234	-1266	681	587	-464	419	-1270	87	-5158	0	-734	-206	-725	-5168	*	0	4846	474	795	0	0	234
235	-1427	793	401	-611	451	-1476	80	-5912	0	-767	-617	-682	-5258	*	0	4952	484	812	0	0	235
236	-1427	631	615	-841	698	-1510	78	-5439	0	-1056	-808	-925	-6043	*	0	5638	551	924	0	0	236
237	-1760	1032	425	-1553	617	-1953	74	-7442	0	-1667	-1792	-1156	-7953	*	0	7443	728	1221	0	0	237
238	-1221	670	355	-168	359	-1226	86	-5030	0	-846	-221	-834	-5042	*	0	4681	458	768	0	0	238
239	-1303	719	373	-81	374	-1304	84	-5378	0	-925	-109	-922	-5381	*	0	4984	487	817	0	0	239
240	-1303	721	371	-84	372	-1304	88	-5383	0	-936	-114	-933	-5386	*	0	4985	487	817	0	0	240
241	-1130	607	346	-110	348	-1132	88	-4626	0	-700	-127	-696	-4630	*	0	4324	423	709	0	0	241
242	-1130	485	505	-808	600	-1225	76	-4280	0	-84	-1068	-331	-4528	*	0	4703	460	772	0	0	242
243	-1288	687	401	-528	441	-1328	81	-5245	0	-749	-708	-640	-5354	*	0	5065	495	830	0	0	243
244	-1288	672	419	-905	531	-1400	76	-5219	0	-685	-1197	-384	-5516	*	0	5333	521	875	0	0	244
245	-1163	573	425	-1066	587	-1325	73	-4588	0	-350	-1421	-82	-5021	*	0	5063	495	831	0	0	245
246	-1359	896	178	-1675	550	-1710	66	-5978	0	-1964	-2213	-983	-6959	*	0	6523	638	1069	0	0	246
247	-1103	579	355	-168	360	-1108	86	-4478	0	-594	-220	-581	-4491	*	0	4230	413	693	0	0	247
248	-1011	405	449	-54	490	-1012	84	-3753	0	244	65	245	-3754	*	0	3882	379	637	0	0	248
249	-1011	442	440	-458	476	-1047	81	-3860	0	5	-606	98	-3953	*	0	4003	391	657	0	0	249
250	-1011	442	440	-458	476	-1047	81	-3860	0	5	-606	98	-3953	*	0	4003	391	657	0	0	250
251	-1581	831	505	-589	546	-1622	82	-6437	0	-914	-779	-806	-6545	*	0	6191	604	1013	0	0	251
252	-1249	603	470	-203	476	-1255	86	-4925	0	-363	-279	-346	-4942	*	0	4778	467	784	0	0	252
253	-1249	642	419	-798	509	-1340	77	-5033	0	-600	-1056	-561	-5272	*	0	5101	499	837	0	0	253
254	-1086	500	441	-577	494	-1139	79	-4210	0	-150	-775	-7	-4353	*	0	4549	425	713	0	0	254
255	-1086	542	586	-917	517	-1218	73	-4333	0	-426	-1222	-75	-4684	*	0	4647	454	762	0	0	255
256	-650	366	178	-1297	534	-1005	61	-2687	0	-446	-1722	-488	-5622	*	0	3889	380	638	0	0	256
257	-586	369	83	-914	315	-818	63	-2598	0	-821	-1216	-203	-3216	*	0	3119	305	510	0	0	257
258	-1162	520	489	-53	490	-1162	89	-4471	0	-87	-70	-86	-4472	*	0	4450	433	727	0	0	258
259	-1236	509	579	-74	580	-1237	88	-4638	0	-184	-99	-186	-4640	*	0	4736	463	777	0	0	259
260	-1152	550	440	-467	474	-1186	81	-4537	0	-307	-610	-220	-4623	*	0	4517	442	741	0	0	260

261	-1047	426	497	-254	508	-1058	85	-5914	0	194	-341	222	-3942	*	0	4058	547	666	0	0	261
262	-1068	463	470	-207	477	-1075	86	-4066	0	50	-276	44	-4085	*	0	4109	402	673	0	0	262
263	-1146	545	441	-605	497	-1202	79	-4510	0	-289	-747	-143	-4656	*	0	4386	444	751	0	0	263
264	-1000	406	476	-424	506	-1030	81	-47336	0	192	-565	-272	-5615	*	0	3958	587	649	0	0	264
265	-1000	475	386	-910	522	-1137	73	-5932	0	-240	-1204	117	-4290	*	0	4350	425	715	0	0	265
266	-142	244	562	-606	440	-819	75	-2741	0	191	-615	401	-2452	*	0	3172	510	520	0	0	266
267	-553	363	83	-966	543	-813	61	-2453	0	-751	-1277	-67	-5137	*	0	3103	503	504	0	0	267
268	-237	45	180	-564	322	-379	63	-129	0	395	-754	774	-1107	*	0	1658	160	266	0	0	268
269	-257	148	58	-257	106	-246	69	-1007	0	-219	-347	-88	-1159	*	0	1097	107	177	0	0	269
270	-1146	439	579	-146	582	-1149	87	-4210	0	378	-194	386	-4219	*	0	4424	432	725	0	0	270
271	-1160	458	567	-172	572	-1164	87	-4305	0	283	-230	294	-4316	*	0	4471	437	733	0	0	271
272	-1021	406	497	-361	518	-1042	83	-3747	0	252	-480	308	-3443	*	0	4006	392	657	0	0	272
273	-1057	449	476	-434	506	-1047	82	-4010	0	57	-577	137	-4091	*	0	4161	407	643	0	0	273
274	-904	532	476	-586	536	-964	78	-5277	0	403	-778	560	-3455	*	0	3747	566	615	0	0	274
275	-904	563	455	-614	502	-972	77	-3373	0	185	-817	364	-5552	*	0	3747	366	614	0	0	275
276	-689	253	362	-632	450	-777	74	-2504	0	301	-835	531	-2753	*	0	3034	246	498	0	0	276
277	-620	339	180	-731	522	-762	66	-2571	0	-443	-965	-71	-2944	*	0	2909	284	476	0	0	277
278	-302	119	149	-267	185	-539	74	-1107	0	92	-361	193	-1208	*	0	1315	128	215	0	0	278
279	-214	121	58	-274	115	-271	67	-899	0	-164	-361	-16	-1047	*	0	1038	101	169	0	0	279
280	-102	34	58	-172	95	-140	66	-368	0	72	-232	173	-468	*	0	575	56	91	0	0	280
281	-1072	391	561	-160	571	-1076	87	-3890	0	472	-211	-483	-5900	*	0	4163	407	662	0	0	281
282	-1021	378	532	-144	555	-1024	87	-3721	0	406	-193	415	-5730	*	0	3954	386	648	0	0	282
283	-1021	342	527	-558	547	-1041	83	-3732	0	380	-477	435	-5787	*	0	4022	393	660	0	0	283
284	-892	322	476	-436	510	-826	81	-3322	0	419	-578	509	-3312	*	0	3594	351	589	0	0	284
285	-892	335	435	-617	503	-860	77	-3316	0	212	-815	391	-3496	*	0	3707	362	608	0	0	285
286	-660	247	340	-479	395	-714	77	-2409	0	253	-640	349	-2555	*	0	2776	271	455	0	0	286
287	-660	260	324	-295	345	-681	81	-2446	0	170	-394	229	-2504	*	0	2626	257	430	0	0	287
288	-422	211	149	-358	200	-473	73	-1684	0	-170	-474	-34	-1820	*	0	1803	176	296	0	0	288
289	-972	354	514	-97	515	-974	88	-3529	0	419	-129	424	-3533	*	0	3763	368	617	0	0	289
290	-961	332	532	-127	535	-963	87	-3436	0	535	-167	542	-3443	*	0	3744	366	614	0	0	290
291	-961	335	527	-341	546	-980	83	-3447	0	510	-452	561	-3498	*	0	3810	372	624	0	0	291
292	-953	315	446	-314	465	-872	83	-3106	0	347	-420	397	-3156	*	0	3373	330	553	0	0	292
293	-953	336	419	-358	444	-878	82	-3164	0	217	-477	284	-3230	*	0	3381	330	554	0	0	293
294	-712	287	340	-421	361	-752	74	-2855	0	142	-558	249	-2763	*	0	2896	283	475	0	0	294
295	-712	300	324	-236	337	-725	83	-2692	0	59	-311	94	-2727	*	0	2775	271	455	0	0	295
296	-641	259	306	-183	315	-649	84	-2391	0	130	-243	154	-2414	*	0	2495	244	409	0	0	296
297	-917	312	514	-97	515	-919	88	-3269	0	538	-129	542	-3274	*	0	3576	349	586	0	0	297
298	-890	311	488	-96	489	-892	87	-3195	0	468	-128	472	-3199	*	0	3460	338	567	0	0	298
299	-890	327	468	-192	474	-897	85	-3237	0	372	-255	390	-3255	*	0	3467	339	568	0	0	299
300	-841	306	446	-219	455	-850	85	-3048	0	374	-290	398	-3073	*	0	3290	321	540	0	0	300
301	-841	326	419	-263	432	-854	84	-3106	0	244	-548	280	-3142	*	0	3291	322	539	0	0	301
302	-773	298	388	-226	399	-784	84	-2847	0	241	-301	270	-2876	*	0	3021	295	495	0	0	302
303	-773	322	357	-134	361	-777	86	-2912	0	96	-179	107	-2922	*	0	2977	291	488	0	0	303
304	-728	326	306	-128	310	-732	86	-2806	0	-58	-170	-47	-2816	*	0	2793	273	458	0	0	304
305	-891	277	533	-42	534	-892	89	-3107	0	680	-54	681	-3106	*	0	3499	342	574	0	0	305
306	-863	290	488	-24	488	-863	89	-3064	0	525	-33	525	-3068	*	0	3362	329	551	0	0	306
307	-863	306	468	-120	470	-866	87	-3110	0	430	-160	437	-3118	*	0	3358	328	550	0	0	307
308	-841	287	470	-96	472	-843	87	-2998	0	487	-128	492	-3002	*	0	3276	320	537	0	0	308
309	-841	330	414	-101	416	-843	87	-3115	0	223	-135	229	-3120	*	0	3241	317	531	0	0	309
310	-799	318	388	-117	391	-799	87	-2969	0	186	-156	193	-2977	*	0	3078	301	505	0	0	310
311	-799	341	357	-26	358	-799	89	-3034	0	41	-34	41	-3034	*	0	3055	298	501	0	0	311
312	-794	341	353	-25	354	-794	89	-3019	0	35	-33	33	-3020	*	0	3037	297	498	0	0	312

TIME 52 = 1000.000HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE = 1.0000

NODAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	3226E-03	2	0.	9696E-04	3	0.	3204E-03	4	0.	2842E-03	5	0.	2511E-03	6	0.	4032E-03	7	0.	4680E-03	8	0.	2731E-03
9	0.	2326E-03	10	0.	6864E-03	11	0.	1994E-03	12	0.	1532E-03	13	0.	7872E-03	14	0.	1024E-03	15	0.	4680E-03	16	0.	1034E-03
17	0.	5316E-03	18	0.	9313E-03	19	0.	2743E-03	20	0.	2198E-03	21	0.	4953E-03	22	0.	6378E-03	23	0.	4680E-03	24	0.	1576E-03
25	0.	5287E-03	26	0.	3622E-03	27	0.	6231E-04	28	0.	2683E-04	29	0.	9228E-03	30	0.	4581E-03	31	0.	4680E-03	32	0.	2904E-03
33	0.	1031E-03	34	0.	8555E-03	35	0.	3855E-03	36	0.	4445E-03	37	0.	2384E-03	38	0.	4191E-03	39	0.	4680E-03	40	0.	4227E-04
41	0.	3862E-03	42	0.	1069E-03	43	0.	3455E-03	44	0.	4804E-04	45	0.	7556E-03	46	0.	8591E-03	47	0.	4680E-03	48	0.	1575E-03
49	0.	2169E-03	50	0.	6175E-03	51	0.	1440E-03	52	0.	4286E-03	53	0.	9555E-03	54	0.	6441E-03	55	0.	4680E-03	56	0.	3359E-03
57	0.	1847E-04	58	0.	3642E-03	59	0.	3097E-03	60	0.	2513E-03	61	0.	9600E-03	62	0.	9863E-03	63	0.	4680E-03	64	0.	3772E-04
65	0.	3754E-03	66	0.	8879E-03	67	0.	4821E-04	68	0.	1696E-04	69	0.	2578E-03	70	0.	4909E-03	71	0.	4680E-03	72	0.	2144E-03
73	0.	8964E-04	74	0.	4771E-03	75	0.	4779E-03	76	0.	4028E-03	77	0.	8251E-03	78	0.	5077E-03	79	0.	4680E-03	80	0.	0.
81	0.	4595E-03	82	0.	1245E-03	83	0.	1759E-03	84	0.	5077E-03	85	0.	6035E-03	86	0.	5077E-03	87	0.	4680E-03	88	0.	0.
89	0.	2581E-03	90	0.	6819E-03	91	0.	3777E-03	92	0.	2942E-03	93	0.	1314E-02	94	0.	1106E-02	95	0.	4680E-03	96	0.	1024E-03
97	0.	2592E-04	98	0.	4032E-02	99	0.	8274E-04	100	0.	3547E-04	101	0.	1046E-02	102	0.	1144E-02	103	0.	4680E-03	104	0.	0.
105	0.	4461E-03	106	0.	1015E-02	107	0.	5404E-03	108	0.	4931E-03	109	0.	3846E-02	110	0.	5077E-03	111	0.	4680E-03	112	0.	0.
113	0.	1378E-03	114	0.	5804E-03	115	0.	2047E-03	116	0.	1726E-03	117	0.	7885E-03	118	0.	1144E-02	119	0.	4680E-03	120	0.	0.
121	0.	5566E-03	122	0.	1683E-03	123	0.	4747E-03	124	0.	6240E-03	125	0.	3841E-03	126	0.	1342E-02	127	0.	4680E-03	128	0.	0.
129	0.	3377E-03	130	0.	7004E-02	131	0.	1154E-03	132	0.	8118E-03	133	0.	5193E-03	134	0.	1284E-02	135	0.	4680E-03	136	0.	0.
137	0.	5552E-03	138	0.	5804E-02	139	0.	7352E-03	140	0.	8118E-03	141	0.	5193E-03	142	0.	1284E-02	143	0.	4680E-03	144	0.	0.
141	0.	2073E-03	142	0.	1231E-02	143	0.	4304E-03	144	0.	8118E-03	145	0.	5193E-03	146	0.	1284E-02	147	0.	4680E-03	148	0.	0.
149	0.	4700E-03	150	0.	1659E-02	151	0.	8359E-03	152	0.	8118E-03	153	0.	5193E-03	154	0.	1284E-02	155	0.	4680E-03	156	0.	0.
157	0.	6720E-03	158	0.	1659E-02	159	0.	8359E-03	160	0.	8118E-03	161	0.	5193E-03	162	0.	1284E-02	163	0.	4680E-03	164	0.	0.
165	0.	3403E-03	166	0.	2141E-02	167	0.	5123E-03	168	0.	8118E-03	169	0.	5193E-03	170	0.	1284E-02	171	0.	4680E-03	172	0.	0.
173	0.	3633E-03	174	0.	2099E-02	175	0.	5876E-03	176	0.	8118E-03	177	0.	5193E-03	178	0.	1284E-02	179	0.	4680E-03	180	0.	0.
181	0.	1020E-03	182	0.	2636E-02	183	0.	2047E-03	184	0.	8118E-03	185	0.	5193E-03	186	0.	1284E-02	187	0.	4680E-03	188	0.	0.
189	0.	6191E-03	190	0.	2909E-02	191	0.	5340E-03	192	0.	8118E-03	193	0.	5193E-03	194	0.	1284E-02	195	0.	4680E-03	196	0.	0.
197	0.	3750E-03	198	0.	3185E-02	199	0.	5340E-03	200	0.	8118E-03	201	0.	5193E-03	202	0.	1284E-02	203	0.	4680E-03	204	0.	0.
205	0.	2125E-03	206	0.	3185E-02	207	0.	5340E-03	208	0.	8118E-03	209	0.	5193E-03	210	0.	1284E-02	211	0.	4680E-03	212	0.	0.
213	0.	3750E-03	214	0.	3185E-02	215	0.	5340E-03	216	0.	8118E-03	217	0.	5193E-03	218	0.	1284E-02	219	0.	4680E-03	220	0.	0.
221	0.	2125E-03	222	0.	3185E-02	223	0.	5340E-03	224	0.	8118E-03	225	0.	5193E-03	226	0.	1284E-02	227	0.	4680E-03	228	0.	0.
229	0.	3750E-03	230	0.	3185E-02	231	0.	5340E-03	232	0.	8118E-03	233	0.	5193E-03	234	0.	1284E-02	235	0.	4680E-03	236	0.	0.
237	0.	2125E-03	238	0.	3185E-02	239	0.	5340E-03	240	0.	8118E-03	241	0.	5193E-03	242	0.	1284E-02	243	0.	4680E-03	244	0.	0.
245	0.	3750E-03	246	0.	3185E-02	247	0.	5340E-03	248	0.	8118E-03	249	0.	5193E-03	250	0.	1284E-02	251	0.	4680E-03	252	0.	0.
253	0.	2125E-03	254	0.	3185E-02	255	0.	5340E-03	256	0.	8118E-03	257	0.	5193E-03	258	0.	1284E-02	259	0.	4680E-03	260	0.	0.
261	0.	3750E-03	262	0.	3185E-02	263	0.	5340E-03	264	0.	8118E-03	265	0.	5193E-03	266	0.	1284E-02	267	0.	4680E-03	268	0.	0.
269	0.	2125E-03	270	0.	3185E-02	271	0.	5340E-03	272	0.	8118E-03	273	0.	5193E-03	274	0.	1284E-02	275	0.	4680E-03	276	0.	0.
277	0.	3750E-03	278	0.	3185E-02	279	0.	5340E-03	280	0.	8118E-03	281	0.	5193E-03	282	0.	1284E-02	283	0.	4680E-03	284	0.	0.
285	0.	2125E-03	286	0.	3185E-02	287	0.	5340E-03	288	0.	8118E-03	289	0.	5193E-03	290	0.	1284E-02	291	0.	4680E-03	292	0.	0.
293	0.	3750E-03	294	0.	3185E-02	295	0.	5340E-03	296	0.	8118E-03	297	0.	5193E-03	298	0.	1284E-02	299	0.	4680E-03	300	0.	0.
301	0.	2125E-03	302	0.	3185E-02	303	0.	5340E-03	304	0.	8118E-03	305	0.	5193E-03	306	0.	1284E-02	307	0.	4680E-03	308	0.	0.
309	0.	3750E-03	310	0.	3185E-02	311	0.	5340E-03	312	0.	8118E-03	313	0.	5193E-03	314	0.	1284E-02	315	0.	4680E-03	316	0.	0.
317	0.	2125E-03	318	0.	3185E-02	319	0.	5340E-03	320	0.	8118E-03	321	0.	5193E-03	322	0.	1284E-02	323	0.	4680E-03	324	0.	0.
325	0.	3750E-03	326	0.	3185E-02	327	0.	5340E-03	328	0.	8118E-03	329	0.	5193E-03	330	0.	1284E-02	331	0.	4680E-03	332	0.	0.
333	0.	2125E-03	334	0.	3185E-02	335	0.	5340E-03	336	0.	8118E-03	337	0.	5193E-03	338	0.	1284E-02	339	0.	4680E-03	340	0.	0.
341	0.	3750E-03	342	0.	3185E-02	343	0.	5340E-03	344	0.	8118E-03	345	0.	5193E-03	346	0.	1284E-02	347	0.	4680E-03	348	0.	0.
349	0.	2125E-03	350	0.	3185E-02	351	0.	5340E-03	352	0.	8118E-03	353	0.	5193E-03	354	0.	1284E-02	355	0.	4680E-03	356	0.	0.
357	0.	3750E-03	358	0.	3185E-02	359	0.	5340E-03	360	0.	8118E-03	361	0.	5193E-03	362	0.	1284E-02	363	0.	4680E-03	364	0.	0.
365	0.	2125E-03	366	0.	3185E-02	367	0.	5340E-03	368	0.	8118E-03	369	0.	5193E-03	370	0.	1284E-02	371	0.	4680E-03	372	0.	0.
373	0.	3750E-03	374	0.	3185E-02	375	0.	5340E-03	376	0.	8118E-03	377	0.	5193E-03	378	0.	1284E-02	379	0.	4680E-03	380	0.	0.
381	0.	2125E-03	382	0.	3185E-02	383	0.	5340E-03	384	0.	8118E-03	385	0.	5193E-03	386	0.	1284E-02	387	0.	4680E-03	388	0.	0.
389	0.	3750E-03	390	0.	3185E-02	391	0.	5340E-03	392	0.	8118E-03	393	0.	5193E-03	394	0.	1284E-02	395	0.	4680E-03	396	0.	0.
397	0.	2125E-03	398	0.	3185E-02	399	0.	5340E-03	400	0.	8118E-03	401	0.	5193E-03	402	0.	1284E-02	403	0.	4680E-03	404	0.	0.
405	0.	3750E-03	406	0.	3185E-02	407	0.	5340E-03	408	0.	8118E-03	409	0.	5193E-03	410	0.	1284E-02	411	0.	4680E-03	412	0.	0.
413	0.	2125E-03	414	0.	3185E-02	415	0.	5340E-03	416	0.	8118E-03	417	0.	5193E-03	418	0.	1284E-02	419	0.	4680E-03	420	0.	0.
421	0.	3750E-03	422	0.	3185E-02	423	0.	5340E-03	424	0.	8118E-03	425	0.	5193E-03	426	0.	1284E-02	427	0.	4680E-03	428	0.	0.
429	0.	2125E-03	430	0.	3185E-02	431	0.	5340E-03	432	0.	8118E-03	433	0.	5193E-03	434	0.	1284E-02	435	0.	4680E-03	436	0.	0.
437	0.	3750E-03	438	0.	3185E-02	439	0.	5340E-03	440	0.	8118E-03	441	0.	5193E-03	442	0.	1284E-02	443	0.	4680E-03	444	0.	0.
445	0.	2125E-03	446	0.	3185E-02	447	0.	5340E-03	448	0.	8118E-03	449	0.	5193E-03	450	0.	1284E-02	451	0.	4680E-03	452	0.	0.





63	-2174	830	1119	145	1122	-2177	-4R	-1507	U	754	214	767	-7517	*	0	1929	775	1421	0	0	63
64	-2167	733	1235	965	1302	-2234	-81	-1242	0	1275	1244	1451	-7420	*	0	8242	606	1478	0	0	64
65	-2010	707	1111	882	1172	-2071	-81	-5783	0	1018	1141	1182	-6947	*	0	7607	744	1365	0	0	65
66	-1752	551	1051	1200	1174	-1875	-78	-5749	0	1271	1522	1587	-6065	*	0	6995	684	1253	0	0	66
67	-1575	550	875	994	972	-1672	-78	-5308	0	827	1263	1076	-5558	*	0	6167	603	1105	0	0	67
68	-1362	469	765	1521	1009	-1606	-72	-4572	0	744	1917	1363	-5192	*	0	5992	586	1074	0	0	68
69	-1143	450	571	992	704	-1276	-74	-5977	0	306	1256	647	-4319	*	0	4676	457	838	0	0	69
70	-972	361	513	998	665	-1124	-72	-5321	0	401	1258	787	-5706	*	0	4156	406	745	0	0	70
71	-857	360	399	367	426	-883	-61	-5039	0	117	464	144	-5106	*	0	3202	313	574	0	0	71
72	-753	355	304	407	342	-791	-79	-2763	0	-116	516	-19	-2460	*	0	2851	278	512	0	0	72
73	-1915	1028	601	-138	603	-1917	88	-7417	0	-1155	-201	-1144	-7424	*	0	6971	677	1238	0	0	73
74	-1840	984	584	-104	586	-1842	88	-7109	0	-1049	-150	-1045	-7113	*	0	6652	650	1189	0	0	74
75	-1884	984	628	-343	640	-1895	85	-7220	0	-938	-466	-903	-7254	*	0	6847	670	1222	0	0	75
76	-2012	986	755	-223	760	-2016	87	-7542	0	-564	-297	-551	-7555	*	0	7295	713	1298	0	0	76
77	-2090	981	840	-429	856	-2106	85	-7122	0	-343	-545	-303	-7162	*	0	7615	745	1357	0	0	77
78	-2028	884	904	-208	908	-2032	88	-7302	0	102	-252	110	-7311	*	0	7367	720	1313	0	0	78
79	-2081	888	951	-260	957	-2087	87	-7443	0	193	-306	205	-7456	*	0	7580	739	1351	0	0	79
80	-2187	834	1126	182	1129	-2190	-88	-7566	0	769	262	777	-7575	*	0	7992	782	1428	0	0	80
81	-2179	831	1121	181	1123	-2181	-88	-7534	0	740	266	749	-7542	*	0	7944	777	1423	0	0	81
82	-1993	698	1106	511	1127	-2014	-85	-6726	0	1057	667	1114	-6783	*	0	7403	724	1325	0	0	82
83	-1915	710	1012	497	1033	-1936	-84	-6567	0	773	647	830	-6623	*	0	7075	692	1268	0	0	83
84	-1836	642	1018	1094	1120	-1937	-79	-6197	0	944	1394	1207	-6459	*	0	7140	698	1280	0	0	84
85	-1668	641	851	899	929	-1746	-79	-5778	0	520	1147	723	-5981	*	0	6373	623	1143	0	0	85
86	-1451	528	780	883	885	-1554	-78	-4941	0	651	1244	915	-5206	*	0	5719	559	1024	0	0	86
87	-1320	537	637	674	694	-1377	-80	-4645	0	263	854	408	-4789	*	0	5006	489	897	0	0	87
88	-1156	511	505	919	624	-1275	-75	-4170	0	-20	1164	283	-4475	*	0	4623	452	829	0	0	88
89	-1047	510	397	320	414	-1065	-83	-3904	0	-293	406	247	-3949	*	0	3831	374	687	0	0	89
90	-1032	463	443	255	454	-1043	-85	-3738	0	-33	324	-5	-3767	*	0	3764	368	675	0	0	90
91	-1791	925	610	-120	612	-1793	88	-6836	0	-837	-160	-835	-6841	*	0	6464	632	1157	0	0	91
92	-1840	929	655	-91	656	-1841	88	-6963	0	-120	-126	-717	-6966	*	0	6636	649	1187	0	0	92
93	-1882	929	696	-319	706	-1892	86	-7073	0	-616	-429	-587	-7102	*	0	7049	689	1263	0	0	93
94	-1872	889	739	-246	745	-1878	87	-6938	0	-371	-325	-555	-6954	*	0	6783	663	1211	0	0	94
95	-1938	896	796	-376	808	-1950	85	-7123	0	-251	-489	-217	-7157	*	0	7051	689	1258	0	0	95
96	-2014	860	920	-171	922	-2017	88	-7214	0	184	-210	190	-7220	*	0	7317	716	1304	0	0	96
97	-2062	861	966	-223	970	-2066	88	-7335	0	280	-265	290	-7344	*	0	7493	733	1339	0	0	97
98	-2009	781	1017	17	1017	-2009	-89	-6988	0	630	37	630	-6988	*	0	7324	716	1308	0	0	98
99	-2016	798	1001	41	1001	-2016	-89	-7049	0	531	69	532	-7049	*	0	7350	717	1311	0	0	99
100	-1997	736	1060	461	1078	-2015	-85	-6843	0	830	603	877	-6890	*	0	7368	720	1319	0	0	100
101	-1920	742	975	441	991	-1937	-83	-6667	0	585	574	630	-6713	*	0	7049	689	1263	0	0	101
102	-1767	646	945	650	983	-1805	-83	-6034	0	767	832	868	-6134	*	0	6611	646	1144	0	0	102
103	-1681	667	832	566	864	-1713	-83	-5878	0	422	724	504	-5960	*	0	6228	609	1116	0	0	103
104	-1537	617	751	879	833	-1619	-79	-5390	0	336	1119	547	-5601	*	0	5894	576	1056	0	0	104
105	-1412	622	620	583	661	-1453	-81	-5093	0	-9	742	96	-5199	*	0	5248	513	941	0	0	105
106	-1319	563	603	567	644	-1360	-81	-4710	0	110	720	215	-4815	*	0	6459	632	1156	0	0	106
107	-1258	571	531	230	538	-1265	-86	-4581	0	-95	292	-76	-4600	*	0	4927	482	817	0	0	107
108	-1172	572	443	243	453	-1181	-85	-4372	0	-328	509	-305	-4396	*	0	4251	416	762	0	0	108
109	-1791	876	674	-114	675	-1793	88	-6704	0	-534	-133	-530	-6708	*	0	6459	632	1156	0	0	109
110	-1781	865	677	-101	679	-1782	88	-6649	0	-490	-137	-487	-6652	*	0	6422	628	1149	0	0	110
111	-1809	865	706	-260	713	-1816	86	-6721	0	-416	-344	-397	-6740	*	0	6550	640	1171	0	0	111
112	-1863	854	775	-201	778	-1867	87	-6826	0	-197	-264	-187	-6836	*	0	6745	660	1204	0	0	112
113	-1922	858	828	-328	838	-1932	86	-6987	0	-74	-425	-44	-7013	*	0	6989	683	1247	0	0	113
114	-1888	799	871	-204	874	-1891	87	-6737	0	207	-262	217	-6747	*	0	6858	671	1224	0	0	114
115	-1947	835	883	-192	887	-1950	88	-6983	0	128	-240	136	-6991	*	0	7061	690	1261	0	0	115
116	-1985	786	984	29	984	-1985	-89	-6947	0	521	51	521	-6948	*	0	7222	706	1290	0	0	116
117	-1985	795	973	43	973	-1986	-89	-6971	0	456	69	457	-6972	*	0	7212	705	1290	0	0	117
118	-1896	723	976	228	980	-1900	-87	-6557	0	659	299	672	-6570	*	0	6930	678	1240	0	0	118
119	-1842	750	846	236	891	-1847	-87	-6497	0	540	311	359	-6511	*	0	6698	655	1199	0	0	119
120	-1778	694	895	570	925	-1808	-83	-6189	0	510	733	589	-6268	*	0	6583	644	1179	0	0	120
121	-1694	705	796	481	819	-1717	-84	-6010	0	225	617	285	-6071	*	0	6218	608	1114	0	0	121
122	-1573	636	744	530	794	-1603	-83	-5528	0	335	676	413	-5605	*	0	5823	569	1043	0	0	122
123	-1505	661	664	379	680	-1522	-84	-5428	0	9	483	52	-5470	*	0	5496	537	985	0	0	123
124	-1405	639	592	503	623	-1436	-82	-5122	0	-122	640	-41	-5203	*	0	5182	507	929	0	0	124
125	-1346	643	527	180	531	-1351	-87	-4991	0	-299	228	-288	-5002	*	0	4864	475	872	0	0	125
126	-1340	615	557	137	560	-1343	-87	-4900	0	-140	174	-133	-4907	*	0	4841	473	867	0	0	126
127	-1778	820	732	-61	732	-1778	89	-6523	0	-229	-80	-228	-6524	*	0	6413	627	1147	0	0	127
128	-1737	820	692	-69	692	-1737	89	-6421	0	-335	-90	-334	-6423	*	0	6262	612	1121	0	0	128

133	-1801	838	732	-223	737	-1806	87	-6633	0	-283	-293	-270	-6646	0	6515	637	1165	0	0	133
134	-1780	798	765	-166	766	-1783	88	-6470	0	-84	-219	-77	-6478	0	6440	630	1151	0	0	134
135	-1891	825	840	-226	844	-1896	87	-6826	0	35	-294	48	-6639	0	6863	671	1225	0	0	135
140	-1785	802	763	-199	767	-1784	87	-6495	0	-96	-259	-86	-6506	0	6463	632	1156	0	0	140
145	-1904	779	912	-112	913	-1906	88	-6734	0	345	-141	348	-6737	0	6914	676	1236	0	0	145
146	-1876	813	840	-194	843	-1879	87	-6751	0	73	-245	82	-6760	0	6802	665	1215	0	0	146
152	-1822	763	851	202	855	-1826	87	-6480	0	221	265	232	-6491	0	6610	646	1184	0	0	152
153	-1891	764	918	175	921	-1894	88	-6660	0	347	231	400	-6668	0	6876	672	1230	0	0	153
154	-1891	769	912	-10	912	-1891	89	-6667	0	379	-5	379	-6667	0	6864	671	1224	0	0	154
162	-1345	658	557	133	559	-1397	88	-5149	0	-255	169	-250	-5154	0	5034	492	902	0	0	162
163	-1436	684	565	120	567	-1438	88	-5319	0	-303	154	-299	-5323	0	5180	506	928	0	0	163
164	-1464	642	646	324	648	-1476	85	-5276	0	14	404	45	-5308	0	5331	521	955	0	0	164
165	-1543	707	642	242	649	-1549	86	-5641	0	-166	308	-149	-5558	0	5585	546	1001	0	0	165
166	-1595	672	739	466	762	-1618	84	-5678	0	172	596	232	-5738	0	5854	573	1050	0	0	166
167	-1699	753	740	277	748	-1707	86	-6151	0	-39	356	-19	-6172	0	6162	603	1104	0	0	167
168	-1721	684	851	313	860	-1731	86	-6019	0	438	404	463	-6044	0	6289	615	1126	0	0	168
129	-1737	788	732	-69	733	-1737	89	-6338	0	-146	-72	-129	-6207	0	6143	601	1100	0	0	129
130	-1702	771	720	-54	721	-1703	89	-6206	0	-130	-72	-129	-6207	0	6143	601	1100	0	0	130
131	-1702	751	701	-30	701	-1702	89	-6153	0	-43	-37	-43	-5854	0	6147	601	1101	0	0	131
132	-1616	719	701	-30	701	-1616	89	-5853	0	-43	-37	-43	-5854	0	6147	601	1101	0	0	132
133	-1713	779	720	-87	722	-1715	88	-6255	0	-33	-187	-27	-6453	0	6459	630	1151	0	0	133
136	-1713	779	720	-87	722	-1715	88	-6255	0	-33	-187	-27	-6453	0	6459	630	1151	0	0	136
137	-1713	779	720	-87	722	-1715	88	-6255	0	-33	-187	-27	-6453	0	6459	630	1151	0	0	137
138	-1652	725	729	-58	729	-1653	89	-5960	0	-45	-227	-37	-6481	0	5969	584	1069	0	0	138
141	-1785	793	775	-175	778	-1788	87	-6473	0	14	-77	15	-5961	0	6462	632	1155	0	0	141
142	-1751	769	772	-153	774	-1753	88	-6322	0	10	-200	17	-6329	0	6337	620	1133	0	0	142
143	-1751	767	774	-89	775	-1752	88	-6319	0	19	-118	21	-6321	0	6332	619	1132	0	0	143
144	-1684	750	729	-83	730	-1685	88	-6108	0	-55	-107	-53	-6110	0	6083	595	1089	0	0	144
147	-1828	772	805	-157	805	-1830	88	-6522	0	196	-203	202	-6528	0	6632	648	1185	0	0	147
148	-1830	798	813	-172	816	-1832	88	-6598	0	58	-224	45	-6606	0	6629	648	1185	0	0	148
149	-1764	779	772	-159	774	-1767	88	-6383	0	-17	-206	-11	-6390	0	6384	624	1142	0	0	149
150	-1764	779	774	-95	775	-1765	88	-6380	0	-8	-124	-6	-6382	0	6379	624	1141	0	0	150
151	-1746	759	719	-76	720	-1747	89	-6287	0	55	-99	57	-6289	0	6318	618	1130	0	0	151
155	-1865	761	870	-71	870	-1865	89	-6642	0	223	-11	223	-6642	0	6756	661	1209	0	0	155
156	-1865	795	852	-104	852	-1866	89	-6678	0	142	-88	143	-6679	0	6752	660	1208	0	0	156
157	-1827	771	845	-104	846	-1828	88	-6515	0	200	-150	202	-6518	0	6621	647	1184	0	0	157
158	-1797	773	813	-108	814	-1799	88	-6450	0	109	-137	112	-6453	0	6610	646	1182	0	0	158
159	-1827	792	817	-84	818	-1827	89	-6576	0	63	-107	65	-6577	0	6610	646	1182	0	0	159
160	-1797	786	796	-59	797	-1798	89	-6486	0	27	-77	-28	-6487	0	6502	636	1162	0	0	160
161	-1781	786	779	-62	780	-1781	89	-6446	0	-19	-80	-18	-6447	0	6438	629	1151	0	0	161
169	-1795	802	773	160	776	-1798	88	-6524	0	-89	209	-82	-6531	0	6490	635	1162	0	0	169
170	-1795	727	870	159	872	-1798	88	-6315	0	360	213	347	-6321	0	6524	634	1168	0	0	170
178	-1459	701	565	107	567	-1460	88	-5419	0	-350	136	-347	-5423	0	5258	514	942	0	0	178
179	-1478	689	600	107	602	-1480	88	-5433	0	-214	137	-215	-5437	0	5332	521	955	0	0	179
180	-1559	720	642	248	649	-1566	86	-5719	0	-204	316	-186	-5737	0	5446	552	1011	0	0	180
181	-1575	713	667	194	671	-1579	87	-5733	0	-112	249	-101	-5744	0	5694	557	1020	0	0	181
182	-1666	727	740	252	747	-1673	86	-6000	0	32	323	50	-6017	0	6042	591	1082	0	0	182
183	-1666	701	773	236	779	-1672	87	-5928	0	194	305	209	-5943	0	6051	592	1084	0	0	183
171	-1818	797	803	80	803	-1819	89	-6568	0	3	108	4	-6569	0	6512	643	1176	0	0	171
172	-1813	782	805	34	805	-1813	89	-6435	0	258	50	259	-6435	0	6568	642	1176	0	0	172
173	-1801	786	805	9	805	-1801	89	-6494	0	53	16	53	-6495	0	6512	637	1165	0	0	173
174	-1801	786	800	-27	800	-1801	89	-6494	0	32	-32	32	-6495	0	6511	637	1165	0	0	174
175	-1805	775	817	-41	817	-1805	89	-6474	0	112	-51	113	-6475	0	6532	639	1168	0	0	175
176	-1805	791	796	-21	796	-1805	89	-6518	0	13	-26	13	-6519	0	6525	638	1167	0	0	176
177	-1818	795	805	-28	805	-1818	89	-6561	0	24	-35	25	-6561	0	6573	643	1175	0	0	177
184	-1729	799	709	106	711	-1730	88	-6350	0	-244	139	-241	-6353	0	6236	610	1116	0	0	184
185	-1737	734	803	131	804	-1738	88	-6188	0	-195	172	190	-6193	0	6290	615	1126	0	0	185
186	-1762	788	754	58	759	-1763	89	-6399	0	-19	78	-78	-6400	0	6361	622	1139	0	0	186
187	-1775	762	805	60	805	-1775	89	-6361	0	113	82	114	-6362	0	6420	628	1149	0	0	187
188	-1786	784	787	11	787	-1786	89	-6452	0	4	16	4	-6450	0	6452	631	1155	0	0	188
189	-1792	779	800	-9	800	-1792	89	-6452	0	53	15	53	-6452	0	6478	633	1159	0	0	189
190	-1797	795	784	-20	784	-1797	89	-6509	0	-33	-26	-33	-6509	0	6492	635	1161	0	0	190
191	-1827	802	805	3	805	-1827	89	-6601	0	6	-0	6	-6601	0	6605	646	1161	0	0	191
192	-1505	745	556	3	556	-1505	89	-5643	0	-478	4	-478	-5643	0	5420	530	971	0	0	192
193	-1553	748	600	53	601	-1554	89	-5775	0	-380	67	-379	-5776	0	5595	547	1002	0	0	193
194	-1553	745	605	38	605	-1553	89	-5762	0	-350	49	-349	-5762	0	5596	547	1002	0	0	194

195	-1626	753	667	175	608	-1627	-88	-5468	0	-223	748	-219	-5912	*	0	5865	575	1051	0	0	195
196	-1628	722	709	151	711	-1630	-88	-5887	0	-23	170	-19	-5892	*	0	5883	575	1054	0	0	196
197	-1684	808	654	-39	654	-1685	89	-6259	0	-400	-48	-399	-6259	*	0	6069	593	1087	0	0	197
198	-1720	755	759	75	759	-1720	89	-6205	0	13	101	14	-6206	*	0	6214	608	1113	0	0	198
199	-1746	786	745	-33	745	-1746	89	-6353	0	-103	-40	-102	-6353	*	0	6302	616	1128	0	0	199
200	-1779	779	787	57	787	-1779	89	-6416	0	21	51	21	-6416	*	0	6427	628	1150	0	0	200
201	-1781	783	784	17	784	-1781	89	-6432	0	3	24	4	-6432	*	0	6434	629	1151	0	0	201
202	-1799	804	774	-16	774	-1799	89	-6535	0	-82	-19	-82	-6535	*	0	6494	635	1162	0	0	202
203	-1508	747	556	3	556	-1508	89	-5656	0	-484	4	-484	-5656	*	0	5450	531	973	0	0	203
204	-1516	790	509	-39	509	-1517	89	-5784	0	-710	-47	-710	-5784	*	0	5468	535	979	0	0	204
205	-1516	787	513	-88	514	-1517	88	-5780	0	-693	-110	-691	-5783	*	0	5470	535	979	0	0	205
206	-1545	777	605	-20	605	-1545	89	-5953	0	-441	-21	-441	-5954	*	0	5746	562	1029	0	0	206
207	-1595	739	654	-34	654	-1595	89	-5849	0	-204	-40	-204	-5850	*	0	5750	562	1030	0	0	207
208	-1656	835	591	-170	594	-1656	87	-6254	0	-625	-209	-617	-6262	*	0	5977	584	1070	0	0	208
209	-1656	796	641	-233	647	-1661	87	-6151	0	-393	-294	-374	-6166	*	0	5986	585	1072	0	0	209
210	-1778	811	745	-103	746	-1779	88	-6495	0	-169	-127	-166	-6498	*	0	6416	627	1148	0	0	210
211	-1778	788	774	-64	774	-1778	88	-6495	0	-32	-78	-31	-6498	*	0	6420	628	1149	0	0	211
212	-1864	805	839	-161	841	-1866	88	-6693	0	95	-204	101	-6699	*	0	6750	660	1208	0	0	212
213	-1467	752	509	-10	509	-1467	89	-5563	0	-605	-13	-605	-5563	*	0	5286	517	955	0	0	213
214	-1478	798	461	-62	462	-1478	89	-5709	0	-848	-76	-848	-5711	*	0	5338	522	955	0	0	214
215	-1470	752	513	-108	515	-1472	88	-5572	0	-596	-135	-592	-5576	*	0	5304	519	950	0	0	215
216	-1509	816	468	-199	473	-1514	87	-5835	0	-879	-245	-867	-5847	*	0	5466	534	978	0	0	216
217	-1540	746	591	-169	594	-1543	87	-5727	0	-376	-209	-368	-5735	*	0	5560	544	996	0	0	217
218	-1616	822	569	-367	584	-1631	85	-6116	0	-635	-455	-598	-6153	*	0	5877	575	1052	0	0	218
219	-1691	825	641	-284	650	-1700	86	-6311	0	-466	-357	-444	-6333	*	0	6123	599	1097	0	0	219
220	-1750	874	636	-577	670	-1780	86	-6583	0	-605	-727	-518	-6670	*	0	6427	628	1151	0	0	220
221	-2060	958	839	-351	899	-2070	86	-7578	0	-315	-446	-287	-7605	*	0	7465	730	1336	0	0	221
222	-1403	767	426	-61	427	-1403	89	-5442	0	-851	-76	-850	-5444	*	0	5072	496	908	0	0	222
223	-1400	768	461	-59	462	-1440	89	-5540	0	-769	-73	-768	-5541	*	0	5200	508	931	0	0	223
224	-1440	763	468	-158	472	-1443	87	-5525	0	-734	-198	-726	-5533	*	0	5208	509	932	0	0	224
225	-1430	790	423	-193	428	-1435	87	-5569	0	-923	-238	-910	-5581	*	0	5186	507	929	0	0	225
226	-1430	797	415	-521	430	-1466	82	-5584	0	-955	-650	-865	-5674	*	0	5294	518	948	0	0	226
227	-1637	838	569	-468	593	-1661	83	-6207	0	-677	-587	-615	-6269	*	0	5985	585	1072	0	0	227
228	-1637	787	636	-633	674	-1680	82	-6064	0	-361	-807	-249	-6176	*	0	6055	592	1085	0	0	228
229	-2093	1126	657	-1068	757	-2193	79	-8094	0	-1223	-1335	-972	-8344	*	0	7903	773	1415	0	0	229
230	-1369	740	426	-61	427	-1369	89	-5288	0	-780	-76	-779	-5290	*	0	4946	484	885	0	0	230
231	-1378	767	400	-96	401	-1379	88	-5384	0	-928	-121	-925	-5388	*	0	4990	488	893	0	0	231
232	-1378	769	397	-100	399	-1379	88	-5384	0	-939	-126	-936	-5393	*	0	4991	488	893	0	0	232
233	-1338	719	423	-162	427	-1342	87	-5158	0	-732	-206	-723	-5168	*	0	4847	474	867	0	0	233
234	-1338	725	415	-492	429	-1372	82	-5173	0	-764	-617	-679	-5258	*	0	4953	484	886	0	0	234
235	-1508	846	429	-647	482	-1501	80	-5914	0	-1058	-807	-927	-6045	*	0	5639	551	1009	0	0	235
236	-1508	671	657	-892	745	-1596	78	-5483	0	19	-125	242	-3656	*	0	5781	565	1035	0	0	236
237	-1859	1101	455	-1434	659	-2063	74	-7445	0	-1677	-1790	-1166	-7956	*	0	7442	728	1333	0	0	237
238	-1290	714	380	-178	384	-1295	86	-5030	0	-847	-220	-835	-5042	*	0	4680	457	838	0	0	238
239	-1377	766	400	-86	401	-1378	88	-5379	0	-926	-109	-923	-5381	*	0	4944	487	892	0	0	239
240	-1377	769	397	-89	398	-1378	88	-5384	0	-937	-114	-934	-5386	*	0	4985	487	892	0	0	240
241	-1195	647	370	115	372	-1197	88	-4627	0	-702	124	-698	-4631	*	0	4325	423	774	0	0	241
242	-1195	516	539	-856	639	-1295	76	-4278	0	90	-1067	337	-4525	*	0	4703	460	842	0	0	242
243	-1361	732	429	-560	472	-1404	81	-5204	0	-746	-709	-637	-5353	*	0	5065	495	906	0	0	243
244	-1361	717	447	-958	566	-1480	76	-5221	0	-688	-1196	-391	-5318	*	0	5333	521	935	0	0	244
245	-1329	610	455	-1130	627	-1401	73	-4583	0	-341	-1422	-91	-5016	*	0	5062	495	907	0	0	245
246	-1415	956	193	-1775	586	-1808	66	-5985	0	-1975	-2210	-996	-5965	*	0	6524	638	1167	0	0	246
247	-1167	618	380	-178	385	-1172	86	-4479	0	-594	-220	-581	-4491	*	0	4230	413	757	0	0	247
248	-1069	431	521	56	522	-1070	89	-3751	0	247	64	248	-3752	*	0	3882	379	695	0	0	248
249	-1069	471	469	-486	507	-1107	81	-3859	0	7	-606	100	-3952	*	0	4003	391	717	0	0	249
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251	-1671	887	539	-624	862	-1715	82	-6441	0	-924	-779	-816	-6549	*	0	6181	604	1106	0	0	251
252	-1320	643	501	-216	507	-1326	86	-4925	0	-364	-281	-347	-4942	*	0	4778	467	836	0	0	252
253	-1320	685	447	-845	543	-1416	77	-5034	0	-601	-1055	-362	-5272	*	0	5101	499	913	0	0	253
254	-1148	532	470	-612	526	-1204	79	-4209	0	-148	-776	-5	-4352	*	0	4350	425	779	0	0	254
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256	-1375	569	193	-1375	569	-1663	61	-2644	0	-832	-1226	-294	-4217	*	0	3889	380	696	0	0	256
257	-619	415	90	-969	336	-865	63	-2599	0	-422	-1216	-204	-4217	*	0	3120	305	536	0	0	257
258	-1228	554	521	-56	522	-1228	89	-4471	0	-88	-70	-87	-4472	*	0	4429	433	793	0	0	258
259	-1307	542	616	-79	617	-1308	88	-4637	0	184	-99	186	-4639	*	0	4735	463	848	0	0	259
260	-1218	587	469	-494	505	-1253	81	-4539	0	-310	-608	-224	-4624	*	0	4517	441	809	0	0	260

261	-1107	454	529	-273	501	-1119	65	* -5913	0	195	-341	223	-3941	*	0	4058	397	727	0	0	261
262	-1124	494	501	-220	508	-1137	86	* -4065	0	32	-275	51	-4084	*	0	4109	402	735	0	0	262
263	-1212	581	470	-641	529	-1271	79	* -4513	0	-291	-795	-146	-4658	*	0	4566	448	820	0	0	263
264	-1058	432	507	-450	539	-1090	81	* -3735	0	192	-565	212	-3815	*	0	3958	387	709	0	0	264
265	-1058	507	412	-965	556	-1202	73	* -5933	0	-241	-1203	116	-4291	*	0	4351	425	774	0	0	265
266	-784	313	585	-643	468	-867	75	* -2738	0	193	-815	404	-2950	*	0	5172	310	568	0	0	266
267	-585	387	90	-1023	365	-860	61	* -2455	0	-752	-1276	-69	-3158	*	0	5104	303	555	0	0	267
268	-252	48	193	-599	344	-402	63	* -725	0	401	-755	780	-1104	*	0	1640	160	292	0	0	268
269	-252	148	62	-274	114	-303	69	* -1009	0	-220	-346	-88	-1141	*	0	1099	107	195	0	0	269
270	-1212	467	616	-155	620	-1215	87	* -4210	0	579	-194	387	-4218	*	0	4424	452	742	0	0	270
271	-1226	488	604	-182	608	-1231	87	* -4306	0	281	-230	292	-4317	*	0	4471	457	800	0	0	271
272	-1079	432	529	-382	552	-1102	83	* -3785	0	253	-480	310	-3842	*	0	4006	392	717	0	0	272
273	-1117	478	507	-460	539	-1149	82	* -4011	0	53	-577	134	-4092	*	0	4161	407	745	0	0	273
274	-956	353	507	-621	571	-1020	78	* -3275	0	406	-777	564	-3432	*	0	3746	366	671	0	0	274
275	-956	387	463	-651	534	-1028	77	* -3374	0	184	-817	563	-3552	*	0	3748	366	671	0	0	275
276	-729	270	385	-669	478	-822	74	* -2504	0	303	-834	532	-2733	*	0	3034	296	543	0	0	276
277	-656	362	193	-775	343	-806	68	* -2575	0	-408	-864	-76	-2947	*	0	2909	284	520	0	0	277
278	-319	126	159	-284	198	-358	74	* -1104	0	95	-362	196	-1205	*	0	1315	128	235	0	0	278
279	-227	129	62	-291	123	-287	67	* -900	0	-164	-360	-16	-1047	*	0	1039	101	185	0	0	279
280	-109	37	62	-184	102	-149	66	* -369	0	73	-233	174	-469	*	0	576	56	101	0	0	280
281	-1134	416	604	-169	608	-1139	82	* -3890	0	473	-211	483	-3500	*	0	4165	407	745	0	0	281
282	-1080	403	566	-153	569	-1083	87	* -3721	0	380	-478	434	-3787	*	0	3924	386	708	0	0	282
283	-1080	407	561	-380	582	-1101	83	* -3732	0	420	-578	510	-3311	*	0	4022	393	720	0	0	283
284	-943	343	507	-482	543	-979	81	* -3221	0	211	-814	390	-3496	*	0	3594	351	643	0	0	284
285	-943	376	463	-655	535	-1015	77	* -3318	0	254	-841	400	-2554	*	0	2776	271	497	0	0	285
286	-698	263	362	-509	420	-756	77	* -2408	0	171	-395	229	-2504	*	0	2626	257	470	0	0	286
287	-698	277	345	-313	368	-721	81	* -2446	0	172	-473	-35	-1820	*	0	1803	176	323	0	0	287
288	-405	225	159	-379	213	-500	73	* -1684	0	419	-130	423	-3534	*	0	3763	368	674	0	0	288
289	-1028	378	546	-103	548	-1030	88	* -5529	0	536	-167	543	-3403	*	0	3744	366	670	0	0	289
290	-1016	358	561	-361	581	-1037	87	* -3447	0	510	-452	561	-3498	*	0	3411	372	682	0	0	290
291	-902	336	474	-333	494	-922	83	* -3106	0	347	-420	397	-3156	*	0	3573	330	604	0	0	291
292	-902	358	446	-380	472	-929	82	* -3164	0	217	-478	283	-3230	*	0	3581	330	605	0	0	292
293	-752	306	362	-446	405	-795	79	* -2655	0	142	-558	249	-2762	*	0	2895	283	518	0	0	293
294	-752	319	345	-250	359	-766	83	* -2692	0	59	-311	93	-2737	*	0	2775	271	497	0	0	294
295	-752	276	326	-194	335	-687	84	* -2391	0	131	-243	154	-2414	*	0	2495	244	446	0	0	295
296	-678	276	326	-194	335	-687	84	* -2391	0	538	-129	542	-3199	*	0	3460	334	619	0	0	296
297	-971	333	546	-103	548	-972	88	* -3269	0	468	-128	472	-3199	*	0	3467	339	621	0	0	297
298	-942	332	519	-102	521	-943	87	* -3195	0	372	-255	398	-3073	*	0	3290	321	589	0	0	298
299	-942	348	498	-203	505	-949	85	* -3237	0	374	-290	384	-3073	*	0	3291	322	589	0	0	299
300	-889	326	474	-232	484	-899	85	* -3048	0	374	-290	384	-3073	*	0	3291	322	589	0	0	300
301	-889	348	446	-278	484	-904	84	* -3106	0	244	-348	280	-2876	*	0	3021	295	541	0	0	301
302	-818	317	413	-239	425	-829	84	* -2447	0	242	-301	271	-2876	*	0	2792	273	500	0	0	302
303	-818	343	413	-142	385	-822	86	* -2912	0	97	-179	107	-2922	*	0	2792	273	500	0	0	303
304	-770	348	326	-156	330	-774	86	* -2806	0	-59	-171	-48	-2816	*	0	3499	342	626	0	0	304
305	-943	295	567	-26	567	-944	89	* -3107	0	680	-54	681	-3108	*	0	3499	342	626	0	0	305
306	-913	309	519	-44	567	-944	89	* -3107	0	525	-53	526	-3068	*	0	3362	329	602	0	0	306
307	-913	326	498	-128	500	-916	87	* -3111	0	430	-159	437	-3118	*	0	3358	328	601	0	0	307
308	-889	306	500	-101	502	-891	87	* -2997	0	487	-128	492	-3002	*	0	3276	320	586	0	0	308
309	-889	352	441	-107	443	-892	87	* -3115	0	223	-135	229	-3120	*	0	3241	317	580	0	0	309
310	-845	339	413	-124	416	-848	87	* -2969	0	186	-156	193	-2477	*	0	3078	301	551	0	0	310
311	-845	344	381	-27	381	-845	89	* -3034	0	41	-34	41	-3034	*	0	3055	297	547	0	0	311
312	-840	365	377	-26	377	-840	89	* -3019	0	53	-33	53	-3020	*	0	3037	297	545	0	0	312





63	-2413	932	1256	210	1259	-2416	-84	-7504	0	782	772	-7514	0	7424	775	1661	0	0	63
64	-2405	823	1342	1074	1454	-2480	-81	-7239	0	1274	1244	1453	-7418	0	8241	806	1726	0	64
65	-2229	793	1243	985	1312	-2297	-81	-6781	0	1014	1144	1182	-6946	0	7606	744	1593	0	65
66	-1945	619	1177	1334	1089	-2082	-78	-5704	0	1273	1521	1549	-6064	0	6995	684	1465	0	66
67	-1747	618	980	1109	1089	-1856	-74	-5307	0	828	1262	1074	-5557	0	6167	603	1291	0	67
68	-1510	527	856	1694	1128	-1742	-72	-4572	0	742	1414	1362	-5192	0	5991	586	1254	0	68
69	-1267	505	639	1105	1484	-1415	-74	-5976	0	504	1254	646	-4318	0	4675	457	979	0	69
70	-1074	405	575	1112	745	-1247	-72	-3318	0	406	1259	791	-3704	0	4157	404	870	0	70
71	-835	395	342	454	474	-876	-71	-2762	0	121	463	144	-3104	0	3202	313	670	0	71
72	-2124	1160	678	-154	640	-2126	88	-7425	0	-1170	-207	-1163	-7430	0	2850	278	597	0	72
73	-2042	1109	661	-119	723	-2106	85	-7226	0	-1054	-474	-912	-7262	0	6653	651	1593	0	73
74	-2093	1110	710	-349	723	-2245	87	-7547	0	-947	-474	-912	-7262	0	6852	670	1434	0	74
75	-2240	1113	856	-251	861	-2245	87	-7547	0	-561	-294	-508	-7165	0	7501	714	1526	0	75
76	-2325	1106	950	-479	968	-2343	85	-7725	0	-340	-543	-300	-71765	0	7619	745	1594	0	76
77	-2257	996	1022	-231	1026	-2261	88	-7302	0	111	-250	120	-7310	0	7571	721	1542	0	77
78	-2313	999	1072	-287	1079	-2319	87	-7441	0	149	-302	211	-7453	0	7561	739	1583	0	78
79	-2431	939	1266	207	1269	-2434	88	-7565	0	773	-266	781	-7573	0	7993	782	1675	0	79
80	-2414	934	1257	207	1260	-2421	88	-7531	0	743	270	751	-7540	0	7943	777	1664	0	80
81	-2214	784	1241	572	1265	-2241	85	-6724	0	1061	668	1118	-6781	0	7404	724	1550	0	81
82	-2126	798	1135	556	1159	-2149	84	-6565	0	774	647	831	-6622	0	7075	692	1482	0	82
83	-2037	722	1140	1221	1254	-2151	-79	-6197	0	943	1396	1206	-6460	0	7140	694	1495	0	83
84	-1850	721	953	1003	1041	-1937	-79	-5778	0	518	1148	721	-5981	0	6373	623	1534	0	84
85	-1610	592	875	1095	990	-1726	-78	-4939	0	654	1244	919	-5204	0	5719	559	1197	0	85
86	-1465	603	716	751	779	-1527	-80	-4643	0	266	854	410	-4788	0	5006	489	1048	0	86
87	-1281	574	567	1025	699	-1413	-75	-4169	0	-23	1167	282	-4475	0	4623	452	968	0	87
88	-1154	519	499	285	511	-1156	-85	-3737	0	-295	406	-250	-3549	0	3764	374	802	0	88
89	-1144	519	499	285	511	-1156	-85	-3737	0	-30	324	-2	-3785	0	3830	368	788	0	89
90	-1987	1043	688	-135	690	-1989	88	-6840	0	-844	-162	-839	-6844	0	6465	632	1554	0	90
91	-2042	1047	739	-104	740	-2043	88	-6966	0	-724	-128	-721	-6968	0	6637	649	1389	0	91
92	-2091	1048	786	-361	797	-2102	86	-7079	0	-623	-434	-544	-7108	0	6850	668	1429	0	92
93	-2081	1002	835	-276	842	-2088	87	-6940	0	-369	-327	-352	-6956	0	6786	664	1420	0	93
94	-2155	1011	894	-422	913	-2169	85	-7126	0	-252	-491	-217	-7161	0	7055	690	1476	0	94
95	-2242	969	1039	-190	1041	-2244	88	-7216	0	190	-208	195	-7222	0	7322	716	1532	0	95
96	-2291	969	1087	-246	1092	-2296	88	-7334	0	285	-261	294	-7343	0	7494	733	1569	0	96
97	-2234	878	1144	21	1144	-2234	89	-6986	0	636	39	637	-6986	0	7325	716	1533	0	97
98	-2239	897	1125	44	1125	-2239	89	-7047	0	534	71	535	-7048	0	7330	717	1535	0	98
99	-2218	828	1190	517	1209	-2238	85	-6842	0	830	605	878	-6849	0	7364	720	1543	0	99
100	-2130	834	1093	493	1112	-2149	87	-6667	0	584	575	630	-6712	0	7049	689	1476	0	100
101	-1961	726	1060	726	1103	-2004	83	-6032	0	770	432	870	-6133	0	6611	646	1385	0	101
102	-1866	749	934	632	970	-1901	83	-5878	0	423	724	505	-5960	0	6229	609	1304	0	102
103	-1705	694	842	981	934	-1796	-79	-5389	0	335	1121	547	-5601	0	5494	576	1234	0	103
104	-1565	698	696	650	742	-1610	-81	-5092	0	-9	743	96	-5199	0	5248	513	1099	0	104
105	-1463	632	678	633	723	-1509	81	-4709	0	113	720	218	-4814	0	4927	482	1032	0	105
106	-1394	641	597	257	605	-1403	-86	-4580	0	-43	292	-74	-4599	0	4562	446	955	0	106
107	-1298	642	499	271	509	-1308	-85	-4372	0	-329	310	-304	-4395	0	4250	415	890	0	107
108	-1487	986	759	-129	761	-1989	88	-6706	0	-537	-155	-533	-6710	0	6459	632	1352	0	108
109	-1976	974	764	-114	765	-1978	88	-6651	0	-492	-139	-489	-6654	0	6423	628	1345	0	109
110	-2009	975	796	-293	804	-2017	86	-6725	0	-421	-348	-401	-6744	0	6552	641	1371	0	110
111	-2070	962	874	-226	878	-2075	87	-6828	0	-197	-265	-186	-6839	0	6744	660	1412	0	111
112	-2137	968	934	-367	945	-2148	86	-6991	0	-74	-426	-48	-7017	0	6993	684	1463	0	112
113	-2099	900	982	-229	986	-2103	87	-6736	0	214	-262	224	-6746	0	6861	671	1436	0	113
114	-2163	940	995	-214	998	-2167	88	-6984	0	129	-239	137	-6992	0	7062	691	1478	0	114
115	-2206	885	1107	35	1107	-2206	-89	-6946	0	524	-53	525	-6947	0	7223	706	1512	0	115
116	-2205	894	1093	50	1093	-2205	-89	-6970	0	458	72	454	-6971	0	7211	705	1510	0	116
117	-2106	813	1096	255	1102	-2111	-87	-6555	0	663	301	676	-6568	0	6931	678	1451	0	117
118	-2044	844	995	267	1001	-2050	-87	-6497	0	344	311	354	-6511	0	6698	655	1403	0	118
119	-1973	780	1004	637	1038	-1907	-83	-6188	0	509	734	589	-6268	0	6582	644	1378	0	119
120	-1879	793	893	538	919	-1904	-84	-6010	0	224	618	589	-6070	0	6218	608	1302	0	120
121	-1746	714	858	592	892	-1779	-83	-5526	0	339	677	416	-5604	0	5823	569	1219	0	121
122	-1669	743	746	423	764	-1688	-84	-5427	0	9	483	52	-5470	0	5496	537	1151	0	122
123	-1558	718	665	561	700	-1593	-82	-5122	0	-123	641	-42	-5203	0	5182	507	1085	0	123
124	-1492	723	593	200	598	-1497	-87	-4990	0	-300	228	-289	-5002	0	4863	475	1018	0	124
125	-1486	691	627	153	630	-1489	-87	-4899	0	-138	174	-132	-4906	0	4841	473	1013	0	125
126	-1975	923	824	-68	825	-1973	89	-6523	0	-229	-80	-228	-6524	0	6413	627	1343	0	126
127	-1927	923	779	-77	780	-1928	89	-6422	0	-336	-90	-335	-6423	0	6262	612	1311	0	127
128																			128

133	-2000	944	824	-250	830	-2005	87	-6636	0	-268	-245	-274	-6650	4	0	6517	637	1364	0	0	133
134	-1977	948	860	-187	863	-1980	88	-6471	0	-83	-221	-76	-6474	4	0	6441	630	1348	0	0	134
135	-2103	930	946	-254	951	-2108	87	-6831	0	33	-295	46	-6843	4	0	6867	671	1437	0	0	135
136	-1983	903	860	-223	864	-1987	87	-6097	0	-97	-261	-86	-6508	4	0	6464	632	1353	0	0	136
137	-2116	877	1026	-125	1027	-2118	88	-6736	0	344	-242	307	-6739	4	0	6919	677	1448	0	0	137
138	-2044	916	946	-216	950	-2086	87	-6752	0	76	-244	85	-6761	4	0	6804	665	1424	0	0	138
139	-2022	857	956	-226	960	-2026	87	-6480	0	221	-267	232	-6490	4	0	6609	646	1364	0	0	139
140	-2100	860	1032	-196	1035	-2103	88	-6660	0	391	-232	399	-6664	4	0	6876	672	1440	0	0	140
141	-1547	734	627	-148	630	-1549	88	-5184	0	-255	169	-249	-5154	4	0	5033	492	1054	0	0	141
142	-1542	769	636	-154	638	-1595	88	-5319	0	-305	154	-300	-5324	4	0	5180	506	1045	0	0	142
143	-1623	722	726	-161	740	-1637	85	-5274	0	16	409	48	-5306	4	0	5430	521	1116	0	0	143
144	-1710	795	722	-165	730	-1718	86	-5641	0	-167	308	-150	-5658	4	0	5584	546	1169	0	0	144
145	-1769	755	830	-221	856	-1795	84	-5677	0	173	596	-233	-5737	4	0	5857	573	1227	0	0	145
146	-1885	841	841	-310	841	-1894	86	-6153	0	-42	356	-22	-6174	4	0	6163	603	1291	0	0	146
147	-1885	841	841	-310	841	-1894	86	-6153	0	-42	356	-22	-6174	4	0	6163	603	1291	0	0	147
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185	-1885	841	841	-310	841	-1894	86	-6153	0	-42	356	-22	-6174	4	0	6163	603	1291	0	0	185
186	-1885	841	841	-310	841	-1894	86	-6153	0	-42	356	-22	-6174	4	0	6163	603	1291	0	0	186
187	-1885	841	841	-310	841	-1894	86	-6153	0	-42	356	-22	-6174	4	0	6163	603	1291	0	0	187
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189	-1885	841	841	-310	841	-1894	86	-6153	0	-42	356	-22	-6174	4	0	6163	603	1291	0	0	189
190	-1885	841	841	-310	841	-1894	86	-6153	0	-42	356	-22	-6174	4	0	6163	603	1291	0	0	190
191	-1885	841	841	-310	841	-1894	86	-6153	0	-42	356	-22	-6174	4	0	6163	603	1291	0	0	191
192	-1885	841	841	-310	841	-1894	86	-6153	0	-42	356	-22	-6174	4	0	6163	603	1291	0	0	192
193	-1885	841	841	-310	841	-1894	86	-6153	0	-42	356	-22	-6174	4	0	6163	603	1291	0	0	193
194	-1885	841	841	-310	841	-1894	86	-6153	0	-42	356	-22	-6174	4	0	6163	603	1291	0	0	194





261	-1229	510	595	-304	607	-1241	85	-3912	0	196	-341	224	-3940	*	0	4057	397	849	0	0	261
262	-1253	555	564	-245	572	-1262	86	-4063	0	37	-275	55	-4082	*	0	4110	402	860	0	0	262
263	-1346	655	530	-713	595	-1411	79	-4517	0	-246	-792	-152	-4661	*	0	4587	448	960	0	0	263
264	-1174	486	570	-501	605	-1209	81	-3935	0	193	-566	273	-3814	*	0	3958	347	829	0	0	264
265	-1174	570	464	-1074	625	-1354	73	-3935	0	-242	-1202	114	-4202	*	0	4351	425	911	0	0	265
266	-869	352	433	-718	525	-962	75	-2734	0	196	-818	409	-2947	*	0	3172	310	664	0	0	266
267	-644	436	105	-1139	411	-955	61	-2459	0	-753	-1274	749	-1099	*	0	1642	160	544	0	0	267
268	-281	52	218	-671	387	-450	63	-719	0	410	-756	88	-1143	*	0	1102	107	250	0	0	268
269	-281	168	71	-308	129	-339	69	-1011	0	-221	-349	588	-4217	*	0	4424	432	926	0	0	269
270	-1345	525	692	-173	646	-1549	87	-4307	0	274	-230	290	-4318	*	0	4471	437	936	0	0	270
271	-1361	485	595	-426	682	-1566	87	-4307	0	256	-480	312	-3404	*	0	4005	391	859	0	0	271
272	-1198	539	569	-512	620	-1223	83	-3783	0	48	-578	128	-4094	*	0	4160	407	871	0	0	272
273	-1240	539	569	-512	604	-1275	82	-4014	0	413	-776	570	-3428	*	0	3746	366	784	0	0	273
274	-1062	396	570	-691	640	-1132	78	-3271	0	143	-817	361	-5553	*	0	3034	296	635	0	0	274
275	-1062	436	520	-724	594	-1141	77	-3375	0	506	-831	533	-2732	*	0	2910	284	609	0	0	275
276	-810	303	433	-744	536	-913	74	-2504	0	-455	-962	201	-1202	*	0	1314	128	275	0	0	276
277	-728	409	218	-862	385	-695	68	-2581	0	99	-364	201	-1202	*	0	1039	101	217	0	0	277
278	-354	141	178	-317	222	-397	74	-1100	0	-162	-359	16	-1047	*	0	579	56	121	0	0	278
279	-252	145	71	-324	138	-319	67	-801	0	74	-234	175	-1047	*	0	4163	407	872	0	0	279
280	-124	42	71	-208	116	-169	66	-370	0	473	-211	483	-3900	*	0	3954	386	828	0	0	280
281	-1260	468	677	-189	682	-1265	87	-3890	0	404	-193	413	-3730	*	0	4022	393	842	0	0	281
282	-1199	453	635	-170	638	-1203	87	-3721	0	378	-478	433	-3788	*	0	3594	351	752	0	0	282
283	-1199	458	629	-423	653	-1233	83	-3733	0	423	-577	512	-3310	*	0	3707	362	776	0	0	283
284	-1047	385	569	-515	609	-1087	81	-3220	0	210	-812	388	-3498	*	0	2776	271	581	0	0	284
285	-1047	424	520	-727	600	-1127	77	-3319	0	255	-642	402	-2553	*	0	2626	257	550	0	0	285
286	-775	296	407	-567	471	-840	77	-2406	0	171	-395	229	-2504	*	0	1802	176	377	0	0	286
287	-775	312	387	-349	413	-801	81	-2406	0	174	-473	337	-1821	*	0	3763	366	784	0	0	287
288	-493	253	178	-422	239	-554	73	-1684	0	418	-150	422	-3534	*	0	3744	366	784	0	0	288
289	-1102	425	613	-115	614	-1143	88	-3530	0	537	-167	544	-3442	*	0	3811	372	794	0	0	289
290	-1129	398	635	-149	638	-1132	87	-3435	0	511	-452	562	-3499	*	0	3573	330	708	0	0	290
291	-1129	402	629	-402	651	-1152	83	-3447	0	347	-421	597	-3156	*	0	3581	350	708	0	0	291
292	-1002	378	532	-372	554	-1024	83	-3106	0	216	-478	282	-3231	*	0	2895	283	606	0	0	292
293	-1002	403	501	-423	530	-1031	82	-3164	0	142	-558	250	-2762	*	0	2775	271	581	0	0	293
294	-835	344	407	-497	455	-883	79	-2654	0	58	-310	43	-2727	*	0	2495	244	522	0	0	294
295	-835	359	387	-278	403	-850	83	-2693	0	132	-244	156	-2414	*	0	3576	349	749	0	0	295
296	-752	310	367	-216	377	-763	84	-2390	0	538	-130	543	-3274	*	0	3460	338	724	0	0	296
297	-1078	574	613	-115	615	-1060	88	-3269	0	468	-128	472	-3199	*	0	3467	339	726	0	0	297
298	-1045	373	581	-113	583	-1047	87	-3145	0	372	-255	390	-3255	*	0	3590	321	689	0	0	298
299	-1045	392	558	-226	566	-1053	85	-3237	0	374	-290	399	-3072	*	0	3591	322	689	0	0	299
300	-988	366	532	-258	543	-999	85	-3048	0	244	-347	271	-2876	*	0	3021	295	632	0	0	300
301	-988	391	501	-310	517	-1004	84	-2847	0	242	-301	108	-2922	*	0	2978	291	623	0	0	301
302	-908	357	464	-267	477	-921	86	-2911	0	97	-179	49	-2817	*	0	2792	273	584	0	0	302
303	-908	386	428	-159	433	-912	86	-2911	0	60	-171	49	-2817	*	0	3499	342	732	0	0	303
304	-854	391	367	-151	371	-858	86	-2806	0	681	-54	681	-3108	*	0	3363	329	704	0	0	304
305	-1048	532	635	-49	635	-1048	89	-3107	0	525	-33	526	-3069	*	0	3358	328	703	0	0	305
306	-1015	348	581	-29	582	-1015	89	-3111	0	450	-159	457	-3118	*	0	5276	517	678	0	0	306
307	-1015	367	558	-142	561	-1018	87	-3111	0	487	-128	492	-3002	*	0	5201	501	644	0	0	307
308	-988	344	560	-113	562	-990	87	-2969	0	223	-135	229	-3120	*	0	3078	298	639	0	0	308
309	-988	396	495	-120	498	-990	87	-2969	0	186	-156	193	-2977	*	0	3055	297	636	0	0	309
310	-937	381	464	-138	467	-941	87	-2969	0	40	-34	41	-3034	*	0	3037	297	636	0	0	310
311	-937	409	428	-30	428	-932	89	-3019	0	33	-33	33	-3020	*	0	3037	297	636	0	0	311
312	-932	409	424	-29	424	-932	89	-3019	0	33	-33	33	-3020	*	0	3037	297	636	0	0	312



63	-2486	963	1298	219	1301	-2489	-88	-7502	0	764	285	774	-7512	*	0	7424	775	1735	0	0	63
64	-2478	851	1428	1113	1506	-2555	-81	-7237	0	1275	1248	1454	-7416	*	0	8241	806	1403	0	0	64
65	-2296	820	1244	1017	1355	-2366	-81	-6778	0	1016	1146	1183	-6943	*	0	7604	744	1663	0	0	65
66	-2004	640	1215	1380	1357	-2146	-78	-5746	0	1274	1522	1590	-6062	*	0	6994	684	1530	0	0	66
67	-1800	638	1124	1144	1164	-1912	-78	-5305	0	829	1263	1074	-5555	*	0	6166	603	1349	0	0	67
68	-1556	545	884	1747	1164	-1837	-72	-4569	0	742	1214	1363	-5190	*	0	5484	546	1310	0	0	68
69	-1304	521	660	1140	814	-1456	-74	-3973	0	304	1258	647	-4316	*	0	4673	457	1022	0	0	69
70	-1110	414	595	1147	770	-1285	-72	-5315	0	407	1259	793	-3702	*	0	4156	406	909	0	0	70
71	-974	417	464	422	495	-1004	-81	-5035	0	122	463	189	-3102	*	0	3201	313	700	0	0	71
72	-858	408	353	468	397	-902	-79	-2760	0	-118	518	-20	-2458	*	0	2844	278	623	0	0	72
73	-2188	1200	701	-164	704	-2191	88	-7426	0	-1175	-208	-1168	-7433	*	0	6923	677	1514	0	0	73
74	-2104	1148	684	-124	685	-2106	88	-7115	0	-1057	-156	-1053	-7119	*	0	6655	651	1455	0	0	74
75	-2157	1149	735	-403	749	-2171	85	-7230	0	-951	-476	-915	-7266	*	0	6854	670	1499	0	0	75
76	-2310	1152	687	-260	892	-2315	87	-7551	0	-561	-299	-548	-7564	*	0	7305	714	1596	0	0	76
77	-2398	1145	964	-495	1002	-2416	85	-7729	0	-339	-343	-249	-7766	*	0	7623	745	1666	0	0	77
78	-2328	1030	1058	-238	1062	-2332	88	-7504	0	115	-250	123	-7312	*	0	7575	721	1612	0	0	78
79	-2384	1033	1110	-295	1116	-2390	87	-7443	0	202	-501	213	-7455	*	0	7564	740	1654	0	0	79
80	-2507	971	1310	216	1313	-2510	-88	-7566	0	775	269	784	-7575	*	0	7996	782	1749	0	0	80
81	-2491	965	1299	215	1303	-2494	-88	-7531	0	743	273	752	-7540	*	0	7943	777	1738	0	0	81
82	-2282	810	1283	591	1307	-2307	85	-6723	0	1063	669	1121	-6780	*	0	7404	724	1620	0	0	82
83	-2190	825	1173	575	1197	-2215	-84	-6564	0	775	649	832	-6621	*	0	7074	692	1548	0	0	83
84	-2094	746	1178	1260	1295	-2216	-79	-6195	0	943	1397	1206	-6459	*	0	7159	698	1562	0	0	84
85	-1905	745	985	1036	1075	-1995	-79	-5776	0	518	1149	721	-5980	*	0	6371	623	1393	0	0	85
86	-1659	612	904	1130	1023	-1778	-77	-4437	0	656	1245	920	-5202	*	0	5718	559	1251	0	0	86
87	-1509	623	740	775	805	-1574	-80	-4641	0	267	854	411	-4786	*	0	5004	489	1094	0	0	87
88	-1319	594	586	1057	722	-1456	-75	-4167	0	-23	1167	282	-4473	*	0	4621	452	1011	0	0	88
89	-1194	592	461	368	481	-1214	-83	-3902	0	-246	406	-251	-3948	*	0	3828	374	837	0	0	89
90	-1178	536	516	294	529	-1191	-85	-3735	0	-29	324	-1	-3765	*	0	3762	368	823	0	0	90
91	-2047	1074	712	-140	714	-2049	88	-6841	0	-847	-162	-842	-6846	*	0	6466	632	1414	0	0	91
92	-2104	1083	764	-107	765	-2105	88	-6666	0	-725	-129	-723	-6970	*	0	6638	649	1452	0	0	92
93	-2155	1085	613	-373	825	-2167	86	-7081	0	-625	-336	-596	-7111	*	0	6832	668	1494	0	0	93
94	-2145	1037	865	-286	872	-2152	87	-6942	0	-368	-328	-352	-6958	*	0	6789	664	1484	0	0	94
95	-2221	1046	930	-436	925	-2237	85	-7129	0	-252	-492	-217	-7164	*	0	7058	690	1543	0	0	95
96	-2311	1002	1075	-196	1078	-2314	88	-7218	0	192	-208	197	-7224	*	0	7325	716	1601	0	0	96
97	-2362	1002	1125	-253	1129	-2367	88	-7335	0	286	-260	295	-7334	*	0	7496	733	1639	0	0	97
98	-2303	908	1183	22	1183	-2303	-89	-6986	0	639	40	639	-6987	*	0	7327	717	1602	0	0	98
99	-2308	927	1163	50	1163	-2308	-89	-7048	0	535	72	536	-7048	*	0	7331	717	1604	0	0	99
100	-2286	856	1230	534	1250	-2306	-85	-6842	0	432	607	879	-6890	*	0	7369	721	1612	0	0	100
101	-2195	863	1129	510	1149	-2214	-85	-6666	0	584	577	630	-6712	*	0	7048	689	1542	0	0	101
102	-2021	750	1095	749	1140	-2066	-83	-6631	0	771	833	872	-6132	*	0	6611	646	1446	0	0	102
103	-1922	775	966	653	1002	-1959	-83	-5877	0	424	725	506	-5959	*	0	6228	609	1362	0	0	103
104	-1736	717	871	1013	965	-1851	-79	-5388	0	335	1122	547	-5600	*	0	5893	576	1289	0	0	104
105	-1612	722	719	671	767	-1659	-81	-5091	0	113	721	219	-4813	*	0	5246	513	1147	0	0	105
106	-1507	654	701	653	748	-1555	-81	-4707	0	113	721	219	-4813	*	0	4926	482	1077	0	0	106
107	-1436	663	617	265	626	-1445	-86	-4579	0	-93	292	-74	-4594	*	0	4561	446	997	0	0	107
108	-1337	664	516	280	527	-1347	-85	-4370	0	-330	310	-306	-4394	*	0	4249	415	929	0	0	108
109	-2047	1020	786	-133	787	-2049	88	-6707	0	-534	-156	-535	-6711	*	0	6460	632	1413	0	0	109
110	-2036	1008	790	-118	792	-2038	88	-6652	0	-493	-140	-490	-6656	*	0	6424	628	1405	0	0	110
111	-2070	1004	824	-303	832	-2078	86	-6726	0	-422	-350	-403	-6746	*	0	6553	641	1433	0	0	111
112	-2134	996	904	-233	909	-2139	87	-6830	0	-197	-266	-186	-6841	*	0	6749	660	1476	0	0	112
113	-2203	1001	967	-360	978	-2214	86	-6993	0	-74	-427	-48	-7014	*	0	6995	684	1529	0	0	113
114	-2163	930	1016	-236	1020	-2168	87	-6737	0	216	-263	226	-6747	*	0	6863	671	1501	0	0	114
115	-2230	972	1029	-221	1033	-2233	88	-6986	0	129	-239	137	-6994	*	0	7064	691	1545	0	0	115
116	-2274	915	1145	56	1145	-2274	-89	-6947	0	526	54	526	-6948	*	0	7225	707	1580	0	0	116
117	-2272	925	1130	52	1130	-2272	-89	-6971	0	459	73	459	-6971	*	0	7212	705	1577	0	0	117
118	-2170	841	1134	264	1139	-2176	-87	-6555	0	665	301	678	-6567	*	0	6931	678	1516	0	0	118
119	-2106	873	1029	276	1035	-2112	-87	-6497	0	344	312	358	-6511	*	0	6698	655	1465	0	0	119
120	-2033	806	1037	658	1072	-2068	-83	-6187	0	510	736	589	-6267	*	0	6582	644	1440	0	0	120
121	-1935	819	923	555	950	-1962	-84	-6009	0	224	619	285	-6070	*	0	6217	608	1360	0	0	121
122	-1799	738	887	611	922	-1833	-83	-5525	0	340	484	417	-5602	*	0	5822	569	1273	0	0	122
123	-1720	768	771	437	790	-1739	-84	-5426	0	9	484	52	-5469	*	0	5496	537	1202	0	0	123
124	-1605	742	688	579	724	-1641	-82	-5181	0	-123	641	-42	-5202	*	0	5181	506	1133	0	0	124
125	-1537	747	613	207	618	-1542	-87	-4989	0	-301	228	-290	-5001	*	0	4862	475	1063	0	0	125
126	-1531	714	648	136	651	-1534	-87	-4898	0	-138	175	-131	-4905	*	0	4840	473	1058	0	0	126
127	-2033	955	853	-70	853	-2033	89	-6524	0	229	-81	228	-6525	*	0	64	627	1403	0	0	127
128	-1986	954	806	-80	806	-1986	89	-6423	0	-337	-90	-335	-6424	*	0	6263	612	1370	0	0	128

133	-2061	977	853	-259	858	-2066	67	-6638	0	-249	-246	-275	-6651	*	0	6514	637	1425	0	133
134	-2037	929	840	-193	843	-2040	88	-6472	0	-65	-222	-76	-6679	*	0	6442	630	1409	0	134
135	-2168	962	879	-263	884	-2173	87	-6855	0	33	-296	46	-6845	*	0	6869	672	1502	0	135
140	-2043	934	890	-231	894	-2048	87	-6498	0	-97	-262	-86	-6509	*	0	6466	632	1414	0	140
145	-2181	907	1061	-129	1062	-2183	88	-6737	0	344	-142	547	-6740	*	0	6920	677	1513	0	145
146	-2149	947	979	-223	983	-2153	87	-6753	0	77	-244	65	-6762	*	0	6806	665	1488	0	146
152	-2063	887	948	-234	992	-2068	87	-6479	0	221	-267	232	-6490	*	0	6809	646	1446	0	152
153	-2165	889	1067	-203	1070	-2168	88	-6661	0	385	-3	385	-6664	*	0	6865	671	1502	0	153
154	-2165	894	1061	-10	1061	-2165	89	-6664	0	385	-3	385	-6664	*	0	6865	671	1502	0	154
162	-1593	764	648	153	651	-1596	88	-5147	0	-255	169	-249	-5153	*	0	5032	492	1100	0	162
163	-1640	795	658	138	660	-1642	88	-5418	0	-306	154	-301	-5324	*	0	5179	506	1133	0	163
164	-1672	746	751	372	765	-1670	88	-5418	0	-167	309	-150	-5657	*	0	5324	521	1165	0	164
165	-1762	822	747	279	754	-1770	86	-5640	0	173	597	-22	-6174	*	0	5584	546	1221	0	165
166	-1822	741	858	537	885	-1849	84	-5676	0	443	404	469	-6040	*	0	6165	603	1348	0	166
167	-1942	876	860	320	869	-1952	86	-6153	0	-43	357	-22	-6174	*	0	5857	573	1281	0	167
168	-1968	794	886	361	899	-1974	86	-6015	0	147	90	-146	-6340	*	0	6288	615	1375	0	168
129	-1986	917	852	-80	853	-1986	89	-6318	0	-131	-75	-130	-6207	*	0	6268	613	1371	0	129
130	-1946	897	838	-63	839	-1947	89	-6206	0	-12	-14	-12	-6153	*	0	6147	601	1345	0	130
131	-1946	873	868	-12	868	-1946	89	-6206	0	-33	-189	-27	-6455	*	0	5831	570	1275	0	131
132	-1847	835	815	-34	815	-1847	89	-6153	0	-156	-173	-151	-6261	*	0	6441	630	1409	0	132
135	-2037	918	903	-165	905	-2039	88	-6450	0	-37	-114	-35	-6205	*	0	6187	605	1353	0	135
136	-1959	906	838	-152	840	-1961	88	-6256	0	16	-77	-38	-6484	*	0	5969	584	1305	0	136
137	-1959	883	868	-101	869	-1959	88	-6203	0	-46	-228	-38	-6484	*	0	6465	632	1414	0	137
138	-1889	843	848	-67	848	-1889	89	-5959	0	11	-201	17	-6350	*	0	6359	620	1386	0	138
141	-2043	923	903	-203	906	-2047	87	-6476	0	19	-119	22	-6323	*	0	6354	619	1385	0	141
142	-2004	895	899	-177	901	-2006	88	-6324	0	-56	-108	-54	-6110	*	0	6083	595	1330	0	142
144	-1926	872	848	-86	849	-1927	88	-6108	0	37	-226	45	-6610	*	0	6635	649	1451	0	144
147	-2093	898	884	-162	884	-2096	88	-6523	0	-18	-208	-11	-6392	*	0	6386	624	1397	0	147
148	-2093	898	884	-162	884	-2096	88	-6523	0	57	-99	58	-6290	*	0	6320	618	1382	0	148
149	-2019	907	899	-184	902	-2022	88	-6385	0	221	11	221	-6644	*	0	6757	661	1478	0	149
150	-2019	905	901	-111	902	-2020	88	-6385	0	205	-129	207	-6681	*	0	6753	660	1477	0	150
151	-1999	884	907	-88	908	-2000	89	-6289	0	63	-107	115	-6454	*	0	6624	648	1448	0	151
155	-2135	909	1011	-6	1011	-2135	89	-6644	0	27	-78	28	-6490	*	0	6613	637	1424	0	155
156	-2135	926	991	-82	991	-2135	89	-6644	0	-20	-81	-19	-6450	*	0	6504	636	1422	0	156
157	-2091	897	984	-119	985	-2093	88	-6515	0	48	-210	-91	-6535	*	0	6441	630	1408	0	157
158	-2058	900	947	-124	948	-2059	86	-6451	0	388	-129	349	-6423	*	0	6524	638	1427	0	158
159	-2091	923	951	-97	952	-2092	89	-6579	0	-553	137	-349	-6423	*	0	5256	514	1150	0	159
160	-2038	915	927	-69	928	-2038	89	-6489	0	217	138	-213	-6434	*	0	5331	521	1166	0	160
161	-2034	915	907	-72	908	-2039	89	-6489	0	-217	138	-213	-6434	*	0	5331	521	1166	0	161
169	-2053	934	899	185	902	-2056	88	-6528	0	31	-32	32	32	32	32	32	32	32	32	169
170	-2053	845	1011	185	1014	-2056	88	-6528	0	31	-32	32	32	32	32	32	32	32	32	170
178	-1665	815	658	123	660	-1667	88	-6310	0	51	17	51	-6487	*	0	6513	637	1424	0	178
179	-1688	801	699	123	701	-1690	88	-5431	0	115	49	115	-6475	*	0	6534	639	1429	0	179
180	-1782	837	747	286	755	-1790	88	-5720	0	24	-35	24	-6564	*	0	6576	645	1438	0	180
181	-1799	828	776	223	781	-1804	87	-5732	0	189	173	194	-6190	*	0	6289	610	1364	0	181
182	-1904	845	860	241	868	-1912	86	-5999	0	82	74	-81	-6402	*	0	6361	622	1391	0	182
183	-1904	814	899	273	905	-1911	87	-5924	0	115	84	116	-6361	*	0	6420	628	1404	0	183
171	-2080	928	933	94	934	-2081	89	-6571	0	3	17	3	3	3	3	3	3	3	3	171
172	-2074	877	991	40	991	-2074	89	-6487	0	51	17	51	-6487	*	0	6569	642	1437	0	172
173	-2061	910	936	11	936	-2061	89	-6487	0	115	49	115	-6475	*	0	6512	637	1424	0	173
174	-2061	915	930	-30	930	-2061	89	-6487	0	115	49	115	-6475	*	0	6512	637	1424	0	174
175	-2066	902	951	-47	952	-2066	89	-6475	0	115	49	115	-6475	*	0	6512	637	1424	0	175
176	-2066	922	927	-24	927	-2066	89	-6475	0	115	49	115	-6475	*	0	6512	637	1424	0	176
177	-2081	926	937	-32	937	-2081	84	-6564	0	24	-35	24	-6564	*	0	6576	645	1438	0	177
184	-1976	931	825	123	826	-1977	88	-6354	0	189	173	194	-6190	*	0	6289	610	1364	0	184
185	-1985	852	933	152	935	-1987	88	-6195	0	82	74	-81	-6402	*	0	6361	622	1391	0	185
186	-2015	916	882	67	883	-2015	89	-6401	0	115	84	116	-6361	*	0	6420	628	1404	0	186
187	-2043	866	936	70	936	-2043	89	-6360	0	3	17	3	3	3	3	3	3	3	3	187
188	-2043	913	915	13	915	-2043	89	-6451	0	53	15	53	-6452	*	0	6479	633	1411	0	188
189	-2050	906	930	11	930	-2050	89	-6452	0	35	-26	-35	-6511	*	0	6493	635	1420	0	189
190	-2056	926	912	-23	912	-2056	89	-6510	0	7	0	7	-6603	*	0	6607	646	1445	0	190
191	-2091	934	937	-0	937	-2091	89	-6603	0	0	0	0	0	0	0	0	0	0	0	191
192	-1718	866	648	3	648	-1718	89	-5642	0	-479	4	-479	-5642	*	0	5419	530	1185	0	192
193	-1774	869	699	61	700	-1774	89	-5775	0	-384	67	-384	-5776	*	0	5594	547	1224	0	193
194	-1774	865	705	44	705	-1774	89	-5760	0	-349	49	-349	-5761	*	0	5594	547	1224	0	194



195	-1858	875	776	135	777	-1859	-88	-5948	0	-225	148	-221	-5912	0	5864	573	1283	0	195
196	-1860	838	825	151	827	-1862	-88	-5885	0	-21	170	-16	-5890	0	5862	575	1280	0	196
197	-1925	941	762	-45	762	-1925	89	-6262	0	-405	48	-405	-6262	0	6070	593	1328	0	197
198	-1966	877	882	87	883	-1967	-89	-6204	0	14	102	15	-6205	0	6213	608	1359	0	198
199	-1997	914	867	-38	867	-1997	89	-6353	0	-102	52	-102	-6353	0	6503	616	1379	0	199
200	-2034	906	915	43	915	-2034	-89	-6416	0	21	52	22	-6416	0	6427	628	1406	0	200
201	-2037	911	912	20	912	-2037	-89	-6432	0	4	24	5	-6432	0	6435	629	1407	0	201
202	-2057	936	900	-19	900	-2057	89	-6537	0	-84	-19	-84	-6537	0	6495	655	1421	0	202
203	-2057	869	648	3	648	-2057	-89	-6565	0	-485	4	-485	-6565	0	5424	551	1167	0	203
204	-1731	919	596	-44	596	-1732	84	-5788	0	-711	-47	-711	-5788	0	5467	554	1196	0	204
205	-1731	919	596	-44	596	-1732	84	-5788	0	-711	-47	-711	-5788	0	5467	554	1196	0	205
206	-1822	904	705	-22	705	-1822	89	-5454	0	-484	-21	-484	-5454	0	5745	562	1257	0	206
207	-1822	858	762	-39	762	-1822	89	-5887	0	-201	-41	-201	-5887	0	5744	562	1257	0	207
208	-1892	972	690	-195	693	-1895	87	-6256	0	-630	-209	-6256	-6264	0	5977	564	1307	0	208
209	-1892	926	747	-269	754	-1898	87	-6152	0	-355	-295	-340	-6167	0	5984	585	1309	0	209
210	-2032	943	867	-118	866	-2034	88	-6497	0	-170	-127	-168	-6499	0	6417	627	1403	0	210
211	-2032	917	900	-73	901	-2033	89	-6435	0	-31	-78	-30	-6436	0	6420	628	1404	0	211
212	-2133	937	976	-186	979	-2136	88	-6692	0	94	-205	105	-6694	0	6752	660	1477	0	212
213	-1675	874	596	-12	596	-1675	89	-5562	0	-604	-13	-604	-5562	0	5286	517	1156	0	213
214	-1687	928	541	-71	541	-1688	89	-5710	0	-848	-76	-847	-5711	0	5338	522	1167	0	214
215	-1679	874	600	-124	602	-1681	88	-5571	0	-584	-135	-540	-5575	0	5304	519	1160	0	215
216	-1723	950	549	-227	555	-1729	87	-5836	0	-880	-244	-868	-5848	0	5466	534	1195	0	216
217	-1759	866	690	-194	694	-1763	87	-5724	0	-371	-209	-362	-5732	0	5559	544	1216	0	217
218	-1806	956	665	-420	682	-1863	85	-6116	0	-636	-453	-599	-6153	0	5876	575	1285	0	218
219	-1931	958	747	-327	757	-1941	86	-6310	0	-467	-357	-445	-6332	0	6121	599	1339	0	219
220	-1999	1017	742	-664	781	-2038	83	-6584	0	-609	-728	-521	-6671	0	6426	628	1406	0	220
221	-2355	1115	976	-406	989	-2368	86	-7582	0	-321	-448	-293	-7609	0	7467	730	1633	0	221
222	-1602	892	501	-70	501	-1603	89	-5442	0	-850	-76	-848	-5443	0	5073	496	1109	0	222
223	-1645	894	541	-67	541	-1645	89	-5540	0	-768	-73	-767	-5542	0	5200	508	1137	0	223
224	-1645	887	549	-162	553	-1649	87	-5525	0	-732	-198	-724	-5533	0	5209	509	1139	0	224
225	-1632	919	497	-221	502	-1638	87	-5568	0	-922	-236	-910	-5580	0	5185	507	1134	0	225
226	-1632	926	488	-597	529	-1673	82	-5583	0	-953	-649	-863	-5672	0	5294	518	1158	0	226
227	-1869	974	665	-538	693	-1897	83	-6206	0	-677	-588	-615	-6268	0	5984	585	1304	0	227
228	-1869	913	742	-730	782	-1919	82	-6057	0	-354	-812	-241	-6170	0	6053	592	1324	0	228
229	-2391	1312	767	-1227	882	-2506	79	-8103	0	-1242	-1333	-942	-8553	0	7904	773	1729	0	229
230	-1564	860	501	-70	501	-1564	89	-5288	0	-777	-76	-776	-5289	0	4947	484	1082	0	230
231	-1573	893	470	-111	471	-1575	88	-5386	0	-931	-121	-927	-5389	0	4990	488	1091	0	231
232	-1573	895	467	-115	468	-1575	88	-5390	0	-941	-126	-938	-5394	0	4991	488	1092	0	232
233	-1529	836	497	-169	501	-1533	87	-5157	0	-728	-206	-719	-5166	0	4984	474	1060	0	233
234	-1529	843	488	-566	527	-1568	82	-5171	0	-759	-617	-675	-5256	0	4953	484	1083	0	234
235	-1723	985	505	-743	565	-1783	80	-5919	0	-1064	-805	-934	-6049	0	5640	551	1234	0	235
236	-1723	776	767	-1027	869	-1825	78	-5420	0	-41	-1127	-265	-5644	0	7440	728	1626	0	236
237	-2121	1282	533	-1645	788	-2355	74	-7452	0	-1698	-1788	-1188	-7963	0	4679	457	1023	0	237
238	-1472	831	445	-204	451	-1478	86	-5030	0	-849	-220	-838	-5042	0	4679	457	1023	0	238
239	-1572	892	470	-99	471	-1573	88	-5379	0	-927	-109	-925	-5382	0	4984	487	1090	0	239
240	-1572	894	467	-103	468	-1573	88	-5384	0	-938	-114	-935	-5387	0	4986	487	1090	0	240
241	-1365	754	434	127	436	-1368	-88	-4630	0	-704	117	-701	-4633	0	4325	423	946	0	241
242	-1365	598	628	-982	743	-1480	77	-4271	0	-103	-1665	-349	-4317	0	4702	460	1028	0	242
243	-1555	851	505	-646	554	-1604	81	-5240	0	-740	-712	-630	-5351	0	5065	495	1108	0	243
244	-1555	834	523	-1100	660	-1691	76	-5225	0	-692	-1194	-397	-5520	0	5332	521	1166	0	244
245	-1402	705	533	-1299	731	-1600	73	-4571	0	-322	-1424	-110	-5004	0	5060	495	1107	0	245
246	-1615	1117	231	-2037	683	-2067	66	-6001	0	-1994	-2204	-1023	-6977	0	6526	638	1424	0	246
247	-1334	719	445	-204	451	-1340	86	-4480	0	-594	-219	-582	-4493	0	4232	414	925	0	247
248	-1222	499	606	-63	606	-1222	-89	-3746	0	-254	61	-254	-3747	0	3681	379	849	0	248
249	-1222	547	546	-557	589	-1265	81	-3857	0	11	-605	103	-3949	0	4002	391	875	0	249
250	-1222	547	546	-557	589	-1265	81	-3857	0	11	-605	103	-3949	0	4002	391	875	0	250
251	-1910	1035	628	-717	678	-1959	82	-6450	0	-945	-777	-837	-6558	0	6182	604	1352	0	251
252	-1508	747	584	-250	591	-1515	86	-4925	0	-367	-285	-349	-4943	0	4777	467	1045	0	252
253	-1508	797	523	-970	613	-1618	77	-5035	0	-602	-1053	-365	-5273	0	5100	499	1115	0	253
254	-1312	619	548	-706	613	-1377	79	-4206	0	-145	-179	-1	-4351	0	4350	425	951	0	254
255	-1312	673	480	-1119	641	-1473	73	-4336	0	-434	-1224	-82	-4669	0	4648	454	1016	0	255
256	-1579	784	450	-231	450	-1579	62	-2676	0	-412	-1721	-516	-3605	0	3889	380	850	0	256
257	-707	483	109	-1116	392	-990	63	-2602	0	-824	-1216	-207	-5220	0	3121	305	663	0	257
258	-1402	644	606	-64	606	-1403	89	-4470	0	-90	-70	-89	-4471	0	4427	433	968	0	258
259	-1493	630	715	-91	716	-1494	88	-44636	0	183	-99	185	-4638	0	4733	463	1035	0	259
260	-1392	683	546	-565	587	-1432	82	-4542	0	-316	-604	-231	-4627	0	4516	441	988	0	260

261	-1266	527	615	-314	628	-1274	85	-3911	0	196	-301	225	-3940	*	0	4057	397	887	0	0	261
262	-1292	574	544	-252	592	-1300	86	-4063	0	38	-274	56	-4081	*	0	4110	402	899	0	0	262
263	-1387	678	548	-735	616	-1454	79	-4519	0	-297	-792	-154	-4662	*	0	4587	448	1003	0	0	263
264	-1210	502	549	-517	626	-1246	81	-3734	0	193	-366	273	-3814	*	0	3958	387	866	0	0	264
265	-1210	590	480	-1108	646	-1375	73	-3936	0	-242	-1202	114	-4293	*	0	4351	425	952	0	0	265
266	-868	363	447	-741	543	-991	75	-2460	0	197	-818	411	-2946	*	0	3172	310	693	0	0	266
267	-668	452	109	-1175	425	-984	61	-2460	0	-753	-1274	-73	-3141	*	0	3105	303	679	0	0	267
268	-290	53	225	-693	400	-464	63	-718	0	412	-757	792	-1097	*	0	1644	160	359	0	0	268
269	-290	174	74	-318	134	-549	69	-1012	0	-222	-350	589	-1144	*	0	1103	107	241	0	0	269
270	-1386	543	715	-178	719	-1340	87	-4209	0	380	-194	348	-4217	*	0	4424	432	968	0	0	270
271	-1403	568	700	-210	705	-1408	87	-4307	0	278	-231	289	-4319	*	0	4471	437	978	0	0	271
272	-1234	502	615	-440	640	-1260	85	-3782	0	257	-481	313	-3839	*	0	4005	391	876	0	0	272
273	-1277	557	588	-528	624	-1314	82	-4014	0	46	-578	127	-4095	*	0	4160	407	910	0	0	273
274	-1094	409	589	-713	662	-1167	78	-3270	0	414	-776	571	-3427	*	0	3746	366	819	0	0	274
275	-1094	450	537	-748	619	-1176	77	-3375	0	182	-817	361	-3554	*	0	3746	366	819	0	0	275
276	-834	313	447	-768	554	-941	74	-2504	0	507	-831	534	-2731	*	0	5034	296	663	0	0	276
277	-750	423	225	-889	398	-922	68	-2582	0	-457	-861	-87	-2953	*	0	2910	284	636	0	0	277
278	-364	146	185	-328	230	-409	74	-1098	0	100	-365	203	-1201	*	0	1514	128	287	0	0	278
279	-260	150	74	-334	143	-329	67	-901	0	-162	-259	-16	-1047	*	0	1040	101	227	0	0	279
280	-128	44	74	-216	121	-175	66	-371	0	74	-235	175	-472	*	0	580	56	127	0	0	280
281	-1298	484	700	-195	705	-1303	87	-3890	0	473	-211	483	-3900	*	0	4163	407	910	0	0	281
282	-1235	469	656	-176	660	-1239	87	-3721	0	404	-193	413	-3730	*	0	3953	386	865	0	0	282
283	-1235	474	649	-637	674	-1260	83	-3733	0	378	-478	433	-3788	*	0	4022	393	880	0	0	283
284	-1079	398	588	-531	629	-1120	81	-3220	0	423	-577	513	-3309	*	0	3593	351	786	0	0	284
285	-1079	438	537	-750	620	-1162	77	-3320	0	209	-112	387	-3498	*	0	3707	362	811	0	0	285
286	-799	306	420	-586	487	-865	77	-2406	0	255	-642	402	-2553	*	0	2777	271	607	0	0	286
287	-799	322	400	-360	427	-825	81	-2446	0	171	-395	230	-2504	*	0	2627	257	574	0	0	287
288	-508	261	185	-435	247	-571	73	-1684	0	-174	-473	-38	-1821	*	0	1802	176	394	0	0	288
289	-1176	439	633	-118	635	-1178	88	-3530	0	418	-130	422	-3534	*	0	3763	368	823	0	0	289
290	-1164	411	656	-154	659	-1167	87	-3435	0	537	-167	544	-3442	*	0	3744	366	819	0	0	290
291	-1164	416	649	-415	673	-1187	83	-3408	0	511	-452	562	-3499	*	0	3811	372	833	0	0	291
292	-1032	390	550	-384	573	-1055	83	-3106	0	347	-421	397	-3156	*	0	3373	330	737	0	0	292
293	-1032	417	517	-837	548	-1063	82	-3164	0	216	-478	282	-3231	*	0	3381	330	737	0	0	293
294	-860	356	420	-512	470	-910	79	-2654	0	143	-558	250	-2762	*	0	2895	283	633	0	0	294
295	-860	372	400	-287	416	-876	83	-2693	0	58	-310	92	-2727	*	0	2775	271	607	0	0	295
296	-775	321	379	-223	350	-786	84	-2390	0	135	-244	156	-2414	*	0	2496	244	546	0	0	296
297	-1111	387	633	-118	635	-1113	88	-3269	0	538	-130	543	-3274	*	0	3577	350	782	0	0	297
298	-1077	386	601	-117	603	-1080	87	-3195	0	467	-129	472	-3199	*	0	3460	338	757	0	0	298
299	-1077	405	577	-234	585	-1086	85	-3238	0	372	-255	390	-3256	*	0	3467	339	758	0	0	299
300	-1018	379	550	-266	561	-1029	85	-3048	0	374	-289	399	-3072	*	0	3240	321	719	0	0	300
301	-1018	405	517	-320	534	-1034	84	-3107	0	243	-347	279	-3142	*	0	3241	322	720	0	0	301
302	-935	369	479	-275	493	-949	84	-2846	0	242	-301	272	-2876	*	0	3021	295	660	0	0	302
303	-935	399	443	-164	447	-940	86	-2911	0	97	-179	108	-2922	*	0	2978	291	651	0	0	303
304	-880	404	379	-156	384	-884	86	-2806	0	-60	-171	-49	-2817	*	0	2742	273	610	0	0	304
305	-1080	343	655	-50	656	-1040	89	-3107	0	681	-54	682	-3108	*	0	3499	342	765	0	0	305
306	-1046	360	601	-30	601	-1046	89	-3068	0	525	-33	526	-3069	*	0	3363	329	735	0	0	306
307	-1046	379	577	-147	580	-1049	87	-3111	0	450	-159	437	-3118	*	0	3358	328	734	0	0	307
308	-1018	355	578	-117	581	-1020	87	-2997	0	487	-128	492	-3002	*	0	3276	320	716	0	0	308
309	-1018	409	512	-124	514	-1020	87	-3115	0	223	-135	229	-3120	*	0	3241	317	709	0	0	309
310	-966	394	479	-143	483	-970	87	-2969	0	186	-156	193	-2977	*	0	3078	301	673	0	0	310
311	-966	423	443	-31	443	-966	89	-3034	0	40	-34	41	-3034	*	0	3055	298	668	0	0	311
312	-960	423	438	-30	438	-961	89	-3019	0	33	-33	33	-3020	*	0	3037	297	664	0	0	312

OUTPUT TAPE 9 HAS BEEN UPDATED THROUGH TIME STEP 72

INPUT TAPE 14 CONTAINS TIME STEP 40

RESTART NEXT RUN EITHER FROM TIME STEP 73 USING 9 AS INPUT TAPE, OR FROM TIME STEP 1 USING 14 AS INPUT TAPE  
THE PROBLEM CAN BE REINITIALIZED BY SIMPLY SETTING N7=2 AND REDEFINING THE DIM(1) ARRAY  
ALL OTHER PARAMETERS HAVE THE SAME MEANING AS IN A NORMAL RESTART RUN

TIME LOG FOR PROBLEM (SECONDS)



TIME 91 = 50000.000HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE= 1.0000

NODAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	.3832E-03	2	0.	.1245E-03	3	0.	.3090E-03	4	0.	.4887E-03	5	0.	.1253E-03
5	0.	.6745E-03	6	0.	.8218E-03	7	0.	.9409E-03	8	0.	.1057E-02	9	0.	.1253E-03
10	0.	.6335E-04	11	0.	.1112E-02	12	0.	.5952E-03	13	0.	.1271E-03	14	0.	.4190E-03
15	0.	.2705E-03	16	0.	.4373E-03	17	0.	.5281E-03	18	0.	.7638E-03	19	0.	.1883E-03
20	0.	.9078E-03	21	0.	.1242E-03	22	0.	.7451E-04	23	0.	.5210E-04	24	0.	0.
25	0.	.4666E-03	26	0.	.1247E-03	27	0.	.4627E-03	28	0.	.4138E-03	29	0.	.3478E-03
30	0.	.2596E-03	31	0.	.7392E-03	32	0.	.6009E-03	33	0.	.1053E-03	34	0.	.5073E-04
35	0.	.2221E-04	36	0.	.1142E-02	37	0.	.5930E-03	38	0.	.5188E-03	39	0.	.4982E-03
40	0.	.4523E-03	41	0.	.4360E-03	42	0.	.1146E-02	43	0.	.2778E-03	44	0.	.1893E-03
45	0.	.1080E-03	46	0.	.1061E-02	47	0.	.3076E-03	48	0.	.7701E-03	49	0.	0.
50	0.	.5653E-03	51	0.	.1480E-03	52	0.	.9829E-03	53	0.	.4675E-03	54	0.	.4048E-03
55	0.	.3109E-03	56	0.	.8145E-03	57	0.	.7201E-03	58	0.	.1112E-02	59	0.	.6984E-04
60	0.	.3109E-03	61	0.	.1231E-02	62	0.	.3552E-03	63	0.	.1752E-03	64	0.	.5944E-03
65	0.	.5398E-03	66	0.	.5378E-03	67	0.	.4028E-03	68	0.	.9100E-03	69	0.	.2591E-03
70	0.	.1688E-03	71	0.	.1211E-02	72	0.	.5971E-03	73	0.	.1329E-03	74	0.	0.
75	0.	.6745E-03	76	0.	.1766E-03	77	0.	.4028E-03	78	0.	.6049E-03	79	0.	.5092E-03
80	0.	.1411E-02	81	0.	.1006E-02	82	0.	.1184E-02	83	0.	.1242E-03	84	0.	.1242E-03
85	0.	.4085E-03	86	0.	.1400E-02	87	0.	.9281E-03	88	0.	.2333E-03	89	0.	.7339E-03
90	0.	.5970E-04	91	0.	.7020E-03	92	0.	.8621E-03	93	0.	.7566E-03	94	0.	.3585E-03
95	0.	.6730E-03	96	0.	.1474E-02	97	0.	.1566E-02	98	0.	.4701E-03	99	0.	0.
100	0.	.2515E-03	101	0.	.2274E-03	102	0.	.5668E-02	103	0.	.7528E-04	104	0.	.7700E-03
105	0.	.8409E-03	106	0.	.1250E-02	107	0.	.4558E-03	108	0.	.8019E-03	109	0.	.1761E-03
110	0.	.8522E-04	111	0.	.1250E-02	112	0.	.1603E-02	113	0.	.2891E-03	114	0.	.9455E-03
115	0.	.9246E-03	116	0.	.1699E-02	117	0.	.8921E-03	118	0.	.9567E-03	119	0.	.7136E-03
120	0.	.6670E-03	121	0.	.1217E-02	122	0.	.3220E-03	123	0.	.8621E-03	124	0.	.2805E-03
125	0.	.1461E-03	126	0.	.1976E-02	127	0.	.1361E-02	128	0.	.1067E-02	129	0.	.1063E-02
130	0.	.1247E-03	131	0.	.2547E-02	132	0.	.2847E-02	133	0.	.1177E-03	134	0.	.9422E-03
135	0.	.4135E-03	136	0.	.2497E-02	137	0.	.2467E-02	138	0.	.6304E-03	139	0.	.5130E-03
140	0.	.4423E-03	141	0.	.1812E-02	142	0.	.1945E-02	143	0.	.5610E-03	144	0.	.2830E-03
145	0.	.1231E-03	146	0.	.3137E-02	147	0.	.3148E-02	148	0.	.5945E-03	149	0.	.9035E-03
150	0.	.7549E-03	151	0.	.3555E-02	152	0.	.5945E-02	153	0.	.1416E-03	154	0.	0.
155	0.	.4593E-02	156	0.	.5333E-03	157	0.	.3722E-02	158	0.	.6100E-03	159	0.	.5508E-03
160	0.	.5315E-03	161	0.	.6533E-03	162	0.	.4837E-02	163	0.	.4378E-02	164	0.	.5756E-03
165	0.	.5011E-03	166	0.	.4155E-02	167	0.	.4837E-02	168	0.	.5098E-02	169	0.	.3946E-03
170	0.	.7152E-03	171	0.	.4421E-02	172	0.	.4603E-02	173	0.	.3776E-03	174	0.	.7946E-03
175	0.	.6813E-03	176	0.	.4910E-02	177	0.	.4865E-02	178	0.	.5108E-02	179	0.	.1583E-03
180	0.	.3304E-03	181	0.	.1166E-03	182	0.	.5290E-02	183	0.	.5307E-02	184	0.	.7227E-03
185	0.	.1096E-02	186	0.	.6047E-03	187	0.	.5834E-02	188	0.	.6178E-02	189	0.	.4742E-03
190	0.	.9113E-03	191	0.	.4537E-02	192	0.	.5804E-02	193	0.	.5990E-02	194	0.	.8561E-03
195	0.	.6655E-03	196	0.	.5746E-02	197	0.	.6298E-02	198	0.	.7160E-02	199	0.	.6724E-03
200	0.	.9424E-03	201	0.	.6196E-02	202	0.	.6298E-02	203	0.	.6583E-02	204	0.	.3423E-03
205	0.	.6813E-03	206	0.	.7270E-02	207	0.	.6872E-02	208	0.	.6940E-02	209	0.	0.
210	0.	.9528E-03	211	0.	.1050E-02	212	0.	.7534E-02	213	0.	.1110E-02	214	0.	.1086E-02
215	0.	.6813E-03	216	0.	.9010E-03	217	0.	.8211E-02	218	0.	.8476E-03	219	0.	.8649E-03
220	0.	.3304E-03	221	0.	.6174E-03	222	0.	.8211E-02	223	0.	.8332E-02	224	0.	.6439E-03
225	0.	.1096E-02	226	0.	.3135E-03	227	0.	.8650E-02	228	0.	.8419E-03	229	0.	0.
230	0.	.1096E-02	231	0.	.8624E-02	232	0.	.8650E-02	233	0.	.8419E-03	234	0.	0.
235	0.	.9113E-03	236	0.	.1140E-02	237	0.	.8650E-02	238	0.	.8419E-03	239	0.	0.
240	0.	.8834E-02	241	0.	.8894E-02	242	0.	.8650E-02	243	0.	.8419E-03	244	0.	0.



63	-2585	1005	1555	232	1350	-2588	-87	-7391	0	771	296	775	7507	0	7927	0	63
64	-2576	888	1489	1163	1571	-2657	-81	-7230	0	1280	1257	1461	7412	0	8241	0	64
65	-2585	855	1338	1062	1412	-2659	-81	-6767	0	1019	1154	1186	-6935	0	7598	0	65
66	-2083	667	1267	1439	1415	-2231	-76	-5737	0	1278	1528	1596	-6056	0	6992	0	66
67	-1870	666	1055	1192	1172	-1967	-78	-5294	0	831	1267	1083	-5545	0	6159	0	67
68	-1616	568	921	1819	1213	-1909	-72	-4559	0	744	1920	1367	-5181	0	5865	0	68
69	-1354	544	689	1187	849	-1514	-74	-3962	0	306	1259	649	-4306	0	4865	0	69
70	-1153	436	620	1194	803	-1336	-72	-3506	0	410	1261	798	-3694	0	4151	0	70
71	-1016	435	485	439	516	-1048	-81	-3026	0	126	464	193	-3093	0	3194	0	71
72	-890	426	369	487	414	-936	-79	-2750	0	114	518	-16	-2848	0	2840	0	72
73	-2276	1256	732	174	755	-2278	88	-7438	0	-1191	-215	-1184	-7445	0	6930	0	73
74	-2189	1201	715	-130	717	-2190	88	-7124	0	-1067	-158	-1063	-7128	0	6661	0	74
75	-2245	1203	769	-423	783	-2254	85	-7242	0	-960	-482	-924	-7278	0	6863	0	75
76	-2406	1205	929	-272	935	-2411	87	-7566	0	-559	-302	-546	-7579	0	7321	0	76
77	-2497	1197	1030	-516	1049	-2515	85	-7742	0	-338	-545	-299	-7782	0	7637	0	77
78	-2423	1076	1108	-247	1112	-2428	88	-7312	0	123	-248	132	-7320	0	7387	0	78
79	-2481	1079	1161	-305	1167	-2467	87	-7448	0	208	-297	219	-7460	0	7572	0	79
80	-2609	1014	1369	228	1372	-2612	-88	-7570	0	783	276	793	-7580	0	8006	0	80
81	-2591	1008	1357	227	1360	-2594	-88	-7530	0	747	281	793	-7540	0	7946	0	81
82	-2374	846	1340	619	1365	-2400	-85	-6720	0	1070	676	1129	-6779	0	7404	0	82
83	-2277	861	1249	601	1249	-2303	-84	-6559	0	779	654	837	-6617	0	7073	0	83
84	-2182	779	1228	1315	1551	-2304	-79	-6189	0	944	1403	1211	-6455	0	7139	0	84
85	-1980	777	1027	1080	1121	-2074	-79	-5769	0	518	1154	723	-5974	0	6367	0	85
86	-1724	639	943	1177	1067	-1848	-77	-4930	0	659	1249	925	-5197	0	5716	0	86
87	-1567	650	772	807	839	-1635	-80	-4634	0	268	856	414	-4779	0	4999	0	87
88	-1370	619	611	1101	754	-1513	-75	-4159	0	-22	1169	284	-4467	0	4616	0	88
89	-1239	618	481	383	502	-1260	-83	-3894	0	-296	467	-250	-3940	0	3820	0	89
90	-1224	559	539	306	552	-1237	-85	-3727	0	-27	325	0	-3755	0	3755	0	90
91	-1229	1128	744	-146	746	-2131	88	-6849	0	-857	165	-852	-6853	0	6469	0	91
92	-2188	1132	799	-113	800	-2189	88	-6975	0	-732	-130	-729	-6978	0	6643	0	92
93	-2242	1135	850	-392	862	-2254	86	-7091	0	-632	-441	-602	-7121	0	6840	0	93
94	-2233	1084	905	-300	912	-2240	87	-6949	0	-638	-331	-352	-6966	0	6796	0	94
95	-2312	1093	973	-456	988	-2328	85	-7138	0	-252	-496	-216	-7174	0	7068	0	95
96	-2407	1047	1125	-204	1128	-2410	88	-7227	0	198	-207	204	-7233	0	7337	0	96
97	-2458	1047	1176	-262	1181	-2463	88	-7342	0	290	-258	299	-7350	0	7504	0	97
98	-2391	948	1237	25	1237	-2397	-89	-6989	0	647	43	647	-6990	0	7335	0	98
99	-2401	968	1215	54	1215	-2401	-89	-7049	0	540	76	541	-7050	0	7336	0	99
100	-2378	894	1284	559	1305	-2399	-85	-6842	0	436	613	885	-6890	0	7573	0	100
101	-2282	901	1179	533	1199	-2302	-85	-6664	0	566	582	633	-6710	0	7048	0	101
102	-2102	783	1143	782	1190	-2148	-83	-6027	0	775	638	877	-6129	0	6612	0	102
103	-1998	804	1008	681	1046	-2036	-83	-5873	0	425	728	509	-5956	0	6226	0	103
104	-1825	748	908	1056	1007	-1924	-79	-5383	0	336	1126	550	-5596	0	5891	0	104
105	-1674	754	751	699	800	-1724	-81	-5085	0	-10	746	96	-5192	0	5241	0	105
106	-1566	682	751	681	781	-1616	-81	-4701	0	115	723	221	-4807	0	4922	0	106
107	-1492	692	644	276	653	-1501	-86	-4573	0	-92	293	-73	-4592	0	4556	0	107
108	-1386	693	539	292	550	-1399	-85	-4363	0	-330	311	-306	-4387	0	4242	0	108
109	-2129	1066	821	-140	822	-2131	88	-6712	0	-544	-158	-540	-6716	0	6462	0	109
110	-2118	1053	826	-124	827	-2119	88	-6657	0	-448	-142	-495	-6661	0	6428	0	110
111	-2154	1054	861	-316	869	-2162	86	-6733	0	-426	-353	-406	-6752	0	6558	0	111
112	-2221	1041	945	-244	950	-2225	87	-6837	0	-196	-268	-186	-6847	0	6756	0	112
113	-2293	1046	1011	-397	1022	-2305	86	-7000	0	-74	-430	-47	-7027	0	7003	0	113
114	-2251	972	1062	-247	1067	-2256	87	-6741	0	221	-264	231	-6751	0	6870	0	114
115	-2320	1016	1075	-230	1079	-2324	88	-6992	0	131	-239	139	-7000	0	7071	0	115
116	-2366	956	1197	39	1197	-2367	-89	-6951	0	531	57	532	-6952	0	7233	0	116
117	-2364	966	1180	56	1181	-2364	-89	-6973	0	462	76	462	-6974	0	7216	0	117
118	-2258	878	1184	277	1190	-2263	-87	-6555	0	671	305	684	-6568	0	6935	0	118
119	-2190	911	1074	288	1080	-2197	-87	-6497	0	345	315	360	-6511	0	6699	0	119
120	-2114	842	1083	687	1119	-2150	-83	-6185	0	512	740	593	-6266	0	6582	0	120
121	-2012	855	963	579	991	-2040	-84	-6006	0	225	622	286	-6067	0	6216	0	121
122	-1870	771	926	637	962	-1905	-83	-5521	0	342	681	420	-5599	0	5821	0	122
123	-1787	802	805	455	825	-1807	-84	-5423	0	10	486	53	-5466	0	5493	0	123
124	-1667	774	718	604	755	-1705	-82	-5116	0	-124	644	-42	-5198	0	5177	0	124
125	-1596	780	640	215	645	-1602	-87	-4985	0	-302	229	-291	-4996	0	4857	0	125
126	-1591	746	677	165	680	-1594	-87	-4893	0	-137	175	-131	-4900	0	4835	0	126
127	-2114	998	891	-74	891	-2114	89	-6527	0	-231	-81	-230	-6528	0	6416	0	127
128	-2065	997	842	-83	842	-2065	89	-6426	0	-340	-91	-339	-6427	0	6264	0	128

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195	-1931	914	810	139	872	-1932	-88	-3567	-70	-226	150	-222	-5971	*	0	5863	573	1356	0	0	195
196	-1933	875	861	158	864	-1936	-88	-5883	0	-20	172	-15	-5888	*	0	5880	575	1360	0	0	196
197	-2001	943	796	47	796	-2002	89	-6263	0	-407	47	-407	-6263	*	0	6070	543	1404	0	0	197
198	-2004	916	921	92	922	-2045	-89	-6203	0	14	103	16	-6203	*	0	6213	608	1437	0	0	198
199	-2006	955	906	-39	906	-2076	84	-6354	0	-102	39	-102	-6354	*	0	6304	616	1458	0	0	199
200	-2115	946	956	45	956	-2115	-89	-6417	0	22	55	22	-6417	*	0	6429	629	1487	0	0	200
201	-2118	951	953	22	953	-2118	-89	-6433	0	5	25	5	-6433	*	0	6456	629	1488	0	0	201
202	-2140	978	940	-14	940	-2140	89	-6539	0	-85	-18	-85	-6539	*	0	6497	635	1503	0	0	202
203	-1789	907	877	3	877	-1789	-84	-6554	0	-486	4	-486	-6554	*	0	6427	631	1255	0	0	203
204	-1799	960	823	-46	823	-1800	89	-5787	0	-712	-47	-712	-5788	*	0	5466	534	1264	0	0	204
205	-1799	956	827	-105	828	-1801	88	-5780	0	-696	-109	-693	-5782	*	0	5468	535	1265	0	0	205
206	-1894	944	737	-23	737	-1894	89	-5954	0	-446	-20	-445	-5954	*	0	5444	562	1529	0	0	206
207	-1894	896	796	-40	796	-1894	89	-5845	0	-200	-40	-200	-5845	*	0	5448	562	1529	0	0	207
208	-1966	1015	721	-203	725	-1970	87	-6257	0	-632	-208	-624	-6265	*	0	5977	584	1362	0	0	208
209	-1966	967	781	-280	788	-1973	87	-6151	0	-396	-295	-380	-6167	*	0	5985	585	1384	0	0	209
210	-2113	985	906	-123	907	-2114	88	-6498	0	-171	-126	-168	-6500	*	0	6417	627	1484	0	0	210
211	-2113	957	940	-76	941	-2114	89	-6435	0	-30	-77	-30	-6436	*	0	6421	628	1485	0	0	211
212	-2218	978	1020	-194	1023	-2521	88	-6694	0	100	-205	106	-6700	*	0	6754	628	1562	0	0	212
213	-1741	912	823	-12	823	-1741	89	-5561	0	-604	-73	-604	-5562	*	0	5285	517	1222	0	0	213
214	-1754	969	566	-74	567	-1754	89	-5710	0	-849	-75	-848	-5711	*	0	5338	522	1234	0	0	214
215	-1745	912	627	-129	629	-1747	88	-5570	0	-594	-135	-591	-5574	*	0	5303	518	1226	0	0	215
216	-1791	992	575	-237	581	-1797	87	-5836	0	-881	-244	-869	-5846	*	0	5466	534	1264	0	0	216
217	-1828	904	721	-201	725	-1832	87	-5722	0	-636	-208	-362	-5730	*	0	5558	543	1285	0	0	217
218	-1918	998	695	-437	713	-1937	85	-6116	0	-468	-557	-446	-6331	*	0	5876	575	1359	0	0	218
219	-2007	1001	781	-340	791	-2018	86	-6310	0	-468	-557	-446	-6331	*	0	6120	598	1415	0	0	219
220	-2078	1062	775	-691	817	-2119	83	-6584	0	-610	-729	-522	-6672	*	0	6426	628	1486	0	0	220
221	-2049	1165	1020	-423	1033	-2562	86	-6584	0	-522	-449	-295	-7611	*	0	7468	730	1727	0	0	221
222	-1665	931	524	-73	525	-1666	89	-5442	0	-850	-76	-848	-5443	*	0	5072	496	1173	0	0	222
223	-1710	933	566	-70	567	-1710	89	-5541	0	-769	-73	-769	-5542	*	0	5200	508	1203	0	0	223
224	-1710	926	575	-189	579	-1714	87	-5525	0	-732	-197	-724	-5533	*	0	5209	509	1205	0	0	224
225	-1696	960	520	-230	526	-1702	87	-5568	0	-922	-236	-910	-5560	*	0	5185	507	1194	0	0	225
226	-1696	967	511	-622	554	-1739	82	-5583	0	-953	-648	-863	-5672	*	0	5293	517	1224	0	0	226
227	-1942	1018	695	-560	725	-1972	83	-6205	0	-677	-588	-615	-6267	*	0	5983	585	1384	0	0	227
228	-1942	953	775	-761	828	-1995	82	-6055	0	-353	-813	-259	-6169	*	0	6052	592	1400	0	0	228
229	-2085	1371	802	-1277	922	-2605	79	-8106	0	-1247	-1333	-997	-8356	*	0	7905	773	1828	0	0	229
230	-1625	899	524	-73	525	-1626	89	-5286	0	-777	-76	-775	-5289	*	0	4947	484	1144	0	0	230
231	-1635	933	492	-115	493	-1637	88	-5386	0	-932	-121	-928	-5389	*	0	4990	488	1154	0	0	231
232	-1635	935	489	-120	490	-1637	88	-5391	0	-942	-126	-938	-5394	*	0	4991	488	1154	0	0	232
233	-1589	873	520	-197	524	-1594	87	-5156	0	-727	-206	-718	-5166	*	0	4947	474	1121	0	0	233
234	-1589	880	511	-589	551	-1629	82	-5171	0	-758	-617	-673	-5255	*	0	4953	484	1145	0	0	234
235	-1791	1030	528	-773	591	-1854	80	-5921	0	-1066	-805	-936	-6051	*	0	5641	552	1305	0	0	235
236	-2204	1160	802	-1069	908	-2447	74	-7455	0	-46	-1128	-270	-5640	*	0	5780	565	1337	0	0	236
237	-2204	1340	558	-1712	802	-2447	74	-7455	0	-1704	-1787	-1194	-7965	*	0	7440	728	1721	0	0	237
238	-1530	868	466	-212	472	-1535	86	-5030	0	-850	-220	-838	-5042	*	0	4679	457	1082	0	0	238
239	-1633	931	492	-103	493	-1635	88	-5380	0	-928	-109	-925	-5382	*	0	4984	487	1153	0	0	239
240	-1633	934	489	-108	490	-1635	88	-5384	0	-939	-115	-936	-5387	*	0	4986	487	1153	0	0	240
241	-1419	787	454	-131	456	-1422	88	-4631	0	-705	-115	-702	-4634	*	0	4326	423	1001	0	0	241
242	-1419	824	657	-1021	776	-1538	77	-4269	0	-106	-1065	-352	-4515	*	0	4701	459	1087	0	0	242
243	-1616	866	528	-673	580	-1668	81	-4924	0	-739	-715	-628	-5351	*	0	5066	495	1172	0	0	243
244	-1616	872	547	-1145	684	-1758	76	-5225	0	-694	-1193	-399	-5521	*	0	5332	521	1233	0	0	244
245	-1457	736	558	-1352	764	-1663	73	-4567	0	-517	-1424	-115	-5000	*	0	5059	495	1170	0	0	245
246	-1678	1168	243	-2121	713	-2148	66	-6006	0	-2006	-2203	-1030	-6982	*	0	6528	638	1510	0	0	246
247	-1587	751	466	-212	472	-1593	86	-4481	0	-594	-218	-582	-4493	*	0	4232	414	979	0	0	247
248	-1270	521	633	65	633	-1271	89	-3744	0	255	61	256	-3745	*	0	3480	379	897	0	0	248
249	-1270	571	571	-580	616	-1315	81	-3856	0	12	-604	104	-3948	*	0	4002	391	925	0	0	249
250	-1270	571	571	-580	616	-1315	81	-3856	0	12	-604	104	-3948	*	0	4002	391	925	0	0	250
251	-1985	1082	657	-746	708	-2037	82	-6453	0	-950	-777	-842	-6561	*	0	6183	605	1430	0	0	251
252	-1567	761	610	-261	618	-1575	86	-4925	0	-568	-286	-350	-4943	*	0	4777	467	1105	0	0	252
253	-1567	832	547	-1010	662	-1682	77	-5036	0	-603	-1053	-365	-5273	*	0	5100	499	1180	0	0	253
254	-1364	646	573	-735	640	-1431	79	-4205	0	-145	-780	-83	-4689	*	0	4450	425	1006	0	0	254
255	-1364	703	502	-1165	669	-1531	73	-4337	0	-436	-1224	-83	-4689	*	0	4648	454	1075	0	0	255
256	-815	469	243	-1644	692	-1264	61	-2674	0	-406	-1721	-520	-3601	*	0	3888	380	899	0	0	256
257	-735	505	115	-1162	410	-1030	63	-2604	0	-825	-1216	-208	-3222	*	0	5123	505	722	0	0	257
258	-1458	673	633	-67	633	-1458	89	-4470	0	-91	-70	-90	-4471	*	0	4426	433	1024	0	0	258
259	-1553	658	746	-94	747	-1553	88	-4635	0	183	-99	185	-4637	*	0	4753	463	1094	0	0	259
260	-1447	714	571	-587	613	-1489	82	-4543	0	-517	-603	-233	-4628	*	0	4516	441	1044	0	0	260

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261	-1316	550	642	-327	655	-11330	85	-3911	0	197	-341	225	-3439	*	0	4057	346	958	0	0	261
262	-1343	599	610	-263	619	-1552	86	-4063	0	34	-275	57	-4081	*	0	4110	402	951	0	0	262
263	-1442	708	573	-765	643	-1512	79	-4520	0	-299	-791	-155	-4664	*	0	4588	448	1061	0	0	263
264	-1258	524	615	-584	653	-1296	81	-4520	0	194	-566	174	-3814	*	0	3588	387	915	0	0	264
265	-1258	616	502	-1153	674	-1430	73	-3937	0	-243	-1201	113	-4293	*	0	4351	475	1006	0	0	265
266	-931	379	467	-772	507	-1031	75	-2731	0	149	-819	412	-2944	*	0	3171	310	753	0	0	266
267	-694	472	115	-1223	443	-1023	61	-2462	0	-754	-1273	-74	-3142	*	0	3105	503	718	0	0	267
268	-301	55	236	-723	418	-483	63	-715	0	417	-758	797	-1095	*	0	1646	161	581	0	0	268
269	-501	182	78	-332	140	-364	69	-1013	0	-222	-351	89	-1146	*	0	1104	108	255	0	0	269
270	-1442	567	746	-185	750	-1445	67	-4208	0	581	-194	389	-4217	*	0	4424	432	1023	0	0	270
271	-1459	593	730	-218	736	-1464	67	-4308	0	277	-231	288	-4319	*	0	4471	437	1034	0	0	271
272	-1263	524	642	-458	669	-1310	65	-4308	0	258	-481	314	-3838	*	0	4005	391	926	0	0	272
273	-1328	582	615	-550	652	-1368	82	-4015	0	44	-578	125	-4096	*	0	4160	407	962	0	0	273
274	-1158	427	615	-742	690	-1213	78	-3269	0	416	-776	573	-3426	*	0	3746	366	866	0	0	274
275	-1138	471	560	-779	646	-1223	71	-3375	0	182	-817	361	-3554	*	0	3748	366	866	0	0	275
276	-868	327	476	-799	578	-978	74	-2503	0	308	-830	535	-2730	*	0	3034	296	701	0	0	276
277	-780	442	236	-925	415	-959	68	-2585	0	460	-960	-90	-2955	*	0	2911	284	673	0	0	277
278	-378	152	193	-342	240	-426	74	-1097	0	102	-365	205	-1200	*	0	1514	128	304	0	0	278
279	-270	157	78	-347	149	-342	67	-902	0	-161	-359	-16	-1048	*	0	1040	101	240	0	0	279
280	-134	46	78	-226	127	-182	66	-371	0	76	-236	177	-473	*	0	583	57	135	0	0	280
281	-1350	506	730	-203	735	-1355	87	-3890	0	474	-210	484	-3900	*	0	4164	407	963	0	0	281
282	-1284	490	684	-183	688	-1289	87	-3721	0	404	-193	413	-3730	*	0	3953	386	914	0	0	282
283	-1284	495	678	-455	704	-1310	83	-3733	0	377	-479	432	-3788	*	0	4022	393	930	0	0	283
284	-1122	415	613	-553	656	-1165	81	-3219	0	424	-577	514	-3309	*	0	3593	351	831	0	0	284
285	-1122	458	560	-780	646	-1208	77	-3321	0	209	-812	387	-3498	*	0	3707	362	857	0	0	285
286	-831	320	439	-610	508	-900	77	-2406	0	256	-642	403	-2553	*	0	2777	271	642	0	0	286
287	-831	337	418	-375	445	-858	81	-2446	0	171	-395	230	-2504	*	0	2627	257	607	0	0	287
288	-528	273	193	-453	258	-593	73	-1684	0	-175	-473	-39	-1821	*	0	1801	176	416	0	0	288
289	-1223	459	660	-123	662	-1225	84	-3530	0	417	-130	422	-3534	*	0	3763	368	870	0	0	289
290	-1210	429	684	-160	687	-1214	87	-3435	0	537	-166	544	-3442	*	0	3745	366	866	0	0	290
291	-1210	434	678	-432	702	-1235	83	-3448	0	511	-452	562	-3499	*	0	3811	372	881	0	0	291
292	-1074	408	574	-399	597	-1097	83	-3105	0	547	-421	397	-3156	*	0	3373	330	780	0	0	292
293	-1074	435	540	-455	571	-1105	82	-3165	0	215	-478	282	-3231	*	0	3381	330	782	0	0	293
294	-894	371	439	-533	490	-946	79	-2654	0	143	-558	250	-2761	*	0	2895	283	669	0	0	294
295	-894	388	418	-298	435	-911	83	-2693	0	57	-310	92	-2727	*	0	2775	271	641	0	0	295
296	-806	335	396	-232	407	-818	84	-2390	0	133	-244	157	-2414	*	0	2496	244	577	0	0	296
297	-1156	404	660	-123	662	-1158	88	-3269	0	539	-130	543	-3274	*	0	3577	350	827	0	0	297
298	-1120	403	627	-122	629	-1123	87	-3195	0	467	-129	472	-3199	*	0	3460	338	800	0	0	298
299	-1120	423	602	-243	610	-1129	85	-3238	0	372	-255	390	-3256	*	0	3467	339	802	0	0	299
300	-1058	395	574	-277	585	-1070	85	-3048	0	375	-289	399	-3072	*	0	3290	321	761	0	0	300
301	-1058	423	540	-335	557	-1076	84	-3107	0	243	-347	279	-3143	*	0	3291	322	761	0	0	301
302	-973	385	500	-287	514	-987	84	-2846	0	243	-301	272	-2875	*	0	3021	295	648	0	0	302
303	-973	416	462	-171	467	-976	86	-2912	0	97	-179	108	-2922	*	0	2978	291	689	0	0	303
304	-914	422	396	-163	401	-919	86	-2806	0	-61	-171	-50	-2817	*	0	2792	273	645	0	0	304
305	-1123	359	683	-32	684	-1124	89	-3107	0	681	-54	681	-3108	*	0	3499	342	809	0	0	305
306	-1086	376	627	-31	627	-1088	89	-3068	0	525	-33	526	-3069	*	0	3363	329	778	0	0	306
307	-1088	396	602	-153	605	-1091	87	-3111	0	430	-159	437	-3118	*	0	3359	328	777	0	0	307
308	-1058	371	603	-122	606	-1061	87	-2997	0	487	-128	492	-3001	*	0	3276	320	757	0	0	308
309	-1058	427	534	-129	537	-1061	87	-3115	0	223	-135	229	-3121	*	0	3241	317	750	0	0	309
310	-1004	411	500	-149	504	-1008	87	-2969	0	186	-156	193	-2976	*	0	3074	301	712	0	0	310
311	-1004	442	462	-32	462	-1005	89	-3034	0	40	-34	41	-3034	*	0	3055	298	706	0	0	311
312	-999	441	457	-31	457	-999	89	-3020	0	32	-32	33	-3020	*	0	3057	297	702	0	0	312

TIME 105 = 8000.00 HOURS AT PRESSURE = -1.670 0.0000 0.0000 AND AT TEMPERATURE = 1.0000

NODAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	4041E-03	2	-1353E-03	3	3308E-03	4	5203E-03
5	-7151E-03	2937E-03	6	-6704E-03	7	-9957E-03	8	-1097E-02
9	-1144E-02	6691E-04	10	-1176E-02	11	0.	1301E-03	
13	-2885E-03	4171E-03	14	-4647E-03	15	6315E-03	16	-4090E-03
17	-9609E-03	1304E-03	18	-1081E-02	19	-1166E-02	20	-1186E-02
21	0.	4952E-03	22	-1365E-03	23	-2863E-03	24	-4360E-03
25	-6158E-03	2745E-03	26	-7824E-03	27	-9535E-03	28	-1066E-02
29	-1175E-02	2554E-04	30	-1204E-02	31	0.	1047E-03	
33	-2926E-03	4794E-03	34	-4616E-03	35	6277E-03	36	-1449E-03
37	-9773E-03	1144E-03	38	-1122E-02	39	-1212E-02	40	-1246E-02
41	0.	5906E-03	42	-1562E-03	43	-3251E-03	44	-4944E-03
45	-6646E-03	3293E-03	46	-8615E-03	47	-1039E-02	48	-1175E-02
49	-1272E-02	3335E-04	50	-1302E-02	51	0.	1829E-03	
53	-6881E-03	5727E-03	54	-5684E-03	55	-7611E-03	56	-9620E-03
57	-1132E-02	1768E-03	58	-1280E-02	59	-1370E-02	60	-1405E-02
61	0.	7160E-03	62	-2086E-03	63	-4254E-03	64	-6390E-03
65	-8610E-03	4332E-03	66	-1033E-02	67	-1251E-02	68	-1393E-02
69	-1491E-02	6334E-04	70	-1522E-02	71	0.	-2463E-03	
73	-4920E-03	7143E-03	74	-7414E-03	75	-9803E-03	76	-1211E-02
77	-1400E-02	2668E-03	78	-1557E-02	79	-1654E-02	80	-1690E-02
81	0.	8927E-03	82	-2400E-03	83	-4812E-03	84	-7081E-03
85	-9527E-03	6043E-03	86	-1320E-02	87	-1693E-02	88	-1741E-02
89	-1778E-02	8756E-04	90	-1785E-02	91	0.	1016E-02	
93	-4664E-03	9815E-03	94	-6894E-03	95	-8920E-03	96	-9226E-02
97	-1251E-02	7078E-03	98	-1288E-02	99	-1649E-02	100	-2028E-02
101	-2066E-02	1551E-03	102	-2071E-02	103	0.	-2301E-03	
105	-4464E-03	1104E-02	106	-6000E-03	107	-8607E-03	108	-1181E-02
109	-1215E-02	8682E-03	110	-1546E-02	111	-1581E-02	112	-1614E-02
113	-1988E-02	4388E-03	114	-2689E-02	115	-2688E-02	116	-2671E-02
117	-2658E-02	4697E-03	118	-2636E-02	119	-2604E-02	120	-1514E-02
121	-1881E-02	9197E-03	122	-1913E-02	123	-1948E-02	124	-3293E-02
125	-3296E-02	1325E-03	126	-3311E-02	127	-3322E-02	128	-3350E-02
129	-3554E-02	4019E-03	130	-3752E-02	131	-3760E-02	132	-3799E-02
133	-3872E-02	4885E-03	134	-4000E-02	135	-4191E-02	136	-4211E-02
137	-4246E-02	2781E-03	138	-4365E-02	139	-4682E-02	140	-4620E-02
141	-4642E-02	1310E-03	142	-4665E-02	143	-4857E-02	144	-5380E-02
145	-5124E-02	0.	146	-5180E-02	147	-5133E-02	148	-5390E-02
149	-5706E-02	5651E-03	150	-6359E-02	151	-5581E-02	152	-5594E-02
153	-5787E-02	5196E-03	154	-5906E-02	155	-6156E-02	156	-6519E-02
157	-7267E-02	8237E-03	158	-6062E-02	159	-6123E-02	160	-6320E-02
161	-6571E-02	7069E-03	162	-6954E-02	163	-7367E-02	164	-7555E-02
165	-7581E-02	1000E-02	166	-6537E-02	167	-6645E-02	168	-6946E-02
169	-7367E-02	1010E-02	170	-7671E-02	171	-7250E-02	172	-7321E-02
173	-7538E-02	7220E-03	174	-7806E-02	175	-7949E-02	176	-7896E-02
177	-7961E-02	3501E-03	178	-8105E-02	179	-8278E-02	180	-8375E-02
181	-8506E-02	0.	182	-8553E-02	183	-8664E-02	184	-8791E-02
185	-8858E-02	1162E-02	186	-9099E-02	187	-9127E-02	188	-9222E-02
189	-9321E-02	9656E-03	190	-9385E-02		1208E-02		



TIME	105 =	40000.000HOURS AT PRESSURE =	-1670	0.0000	0.0000 AND AT TEMPERATURE =	1.0000	ALFA/SIGEFF/LHRR/PLA/ELEW
ELEM	EPS-N/	EPS-1/	EPS-2/	ANGL	SIG-R/SIG-1/	SIG-2/	
1	-4282	1782	1678	188	1678	4282	1782
2	-3604	1896	1243	305	1248	3609	86
3	-3929	2217	1257	281	1261	3933	85
4	-5310	2590	2179	2458	2376	5507	78
5	-4906	2579	1745	3501	2178	5339	74
6	-3271	1915	953	2275	1240	3558	74
7	-2801	1545	940	2027	1197	3058	73
8	-3113	2065	617	4033	1649	4144	64
9	-1844	1126	487	5527	1435	2793	61
10	-1641	993	440	2444	1004	2206	65
11	-1009	454	464	1667	840	1384	65
12	-1044	497	448	1486	755	1354	68
13	-574	-223	851	453	883	607	82
14	-643	38	597	1259	861	905	68
15	-295	-322	648	278	708	315	82
16	-904	-620	1658	-60	1658	-904	88
17	-845	-897	1935	-407	1953	-863	85
18	-505	-481	889	496	938	-355	79
19	-3096	1788	910	-20	910	-3096	89
20	-3602	1884	1251	324	1257	-3608	87
21	-3924	2200	1265	302	1269	-3928	86
22	-3100	1808	911	230	914	-3103	87
23	-3093	1718	1014	-57	1014	-3093	88
24	-3686	1893	1396	1589	1517	-3688	88
25	-3366	1678	1340	1500	1457	-3483	80
26	-2826	1289	1267	1251	1361	-2920	80
27	-2551	1075	1254	1036	1323	-2620	81
28	-2513	1029	1270	2403	1619	-2863	73
29	-2017	729	1138	1922	1408	-2287	74
30	-1735	535	1088	2216	1471	-2118	70
31	-1295	318	913	1533	1159	-1541	72
32	-1184	155	998	1888	1343	-1529	70
33	-874	-47	936	1040	1074	-1013	75
34	-564	-18	589	1513	964	-938	64
35	-356	-109	491	347	525	-390	79
36	-555	-272	889	474	927	-593	81
37	-3096	1781	926	-18	926	-3096	89
38	-2621	1579	702	-15	702	-2621	89
39	-2658	1557	767	-375	777	-2669	86
40	-3142	1718	1061	116	1062	-3142	89
41	-3160	1556	1156	-136	1157	-3161	89
42	-2811	1363	1165	-8	1165	-2811	89
43	-2832	1300	1261	-163	1263	-2834	89
44	-3163	1292	1599	1003	1631	-3215	83
45	-2966	1178	1541	907	1586	-3011	83
46	-2551	867	1503	1326	1609	-2657	80
47	-2321	799	1356	1176	1447	-2413	80
48	-2219	691	1363	2297	1718	-2554	73
49	-1830	579	1130	1770	1374	-2074	74
50	-1431	402	945	1946	1505	-1791	70
51	-1137	354	711	1263	906	-1333	72
52	-950	249	650	1633	993	-1293	67
53	-752	200	511	545	567	-808	78
54	-627	196	382	542	459	-695	76
55	-2403	1429	662	-197	665	-2406	87
56	-2627	1484	824	-64	824	-2627	89
57	-2674	1474	884	-401	896	-2685	86
58	-2544	1367	889	-317	896	-2552	87
59	-2840	1352	1002	-591	1026	-2864	85
60	-2863	1300	1292	-60	1292	-2863	89
61	-2903	1262	1376	-183	1378	-2905	89
62	-2751	1074	1453	255	1457	-2755	87

65	-2727	1066	1436	253	1482	-2731	-87	-7492	0	179	310	790	-7504	*	0	7929	775	1974	0	0	65
66	-2716	941	1579	1235	1666	-2805	-81	-7223	0	1285	1270	1471	-7404	*	0	8243	806	2054	0	0	65
67	-2515	904	1417	1128	1496	-2594	-81	-6744	0	1014	1165	1189	-6921	*	0	7586	742	1895	0	0	65
68	-2197	707	1342	1525	1500	-2355	-74	-5723	0	1244	1534	1607	-6046	*	0	6949	683	1744	0	0	66
69	-1971	705	1114	1263	1242	-2095	-74	-5271	0	833	1213	1048	-5526	*	0	6143	601	1534	0	0	67
70	-1705	601	975	1923	1285	-2013	-72	-4534	0	744	1420	1372	-5162	*	0	5964	583	1492	0	0	64
71	-1427	576	1254	1251	1494	-1596	-74	-3941	0	304	1254	653	-4286	*	0	4647	454	1164	0	0	69
72	-1215	461	654	1243	851	-1406	-72	-3290	0	416	1261	405	-3674	*	0	4141	405	1035	0	0	70
73	-1070	460	514	464	547	-1104	-41	-3007	0	131	463	194	-3075	*	0	3179	311	797	0	0	71
74	-937	451	392	515	440	-946	-74	-2733	0	104	516	-10	-2431	*	0	2826	276	709	0	0	72
75	-2403	1337	777	-187	780	-2406	-47	-7456	0	-1211	-219	-1203	-7464	*	0	6941	679	1730	0	0	73
76	-2511	1271	760	-140	762	-2513	-44	-7139	0	-1040	-162	-1075	-7143	*	0	6671	652	1663	0	0	74
77	-2571	1240	817	-452	833	-2347	-45	-7259	0	-972	-490	-934	-7297	*	0	6477	672	1713	0	0	75
78	-2544	1282	941	-290	947	-2550	-47	-7588	0	-554	-304	-545	-7401	*	0	7344	714	1424	0	0	76
79	-2562	1273	1097	-547	1117	-2660	-45	-7763	0	-334	-506	-248	-7403	*	0	7658	709	1907	0	0	77
80	-2735	1070	1439	246	1443	-2739	-47	-7532	0	752	292	762	-7542	*	0	7951	778	1983	0	0	81
81	-2507	897	1421	659	1449	-2534	-45	-6719	0	1079	666	1139	-6719	*	0	7414	725	1849	0	0	82
82	-2403	913	1298	639	1325	-2430	-44	-6554	0	784	663	843	-6614	*	0	7074	692	1764	0	0	83
83	-2302	826	1302	1393	1432	-2432	-74	-6142	0	944	1412	1217	-6452	*	0	7139	698	1780	0	0	84
84	-2087	824	1088	1144	1144	-2187	-74	-5755	0	517	1160	724	-5963	*	0	6356	622	1588	0	0	85
85	-1818	677	1000	1247	1131	-1950	-77	-4917	0	663	1255	932	-5187	*	0	5711	558	1425	0	0	86
86	-1652	689	818	855	890	-1724	-80	-4618	0	271	860	418	-4765	*	0	4987	488	1247	0	0	87
87	-1443	657	648	1165	799	-1595	-75	-4144	0	-21	1170	288	-4454	*	0	4604	450	1151	0	0	88
88	-1305	655	511	406	533	-1328	-83	-3477	0	-294	407	-244	-3923	*	0	3804	372	953	0	0	89
89	-1289	593	572	324	586	-1303	-84	-3710	0	-24	326	4	-3739	*	0	3741	366	937	0	0	90
90	-2247	1200	790	-156	792	-2249	-84	-6860	0	-869	-167	-865	-6865	*	0	6475	633	1614	0	0	91
91	-2310	1203	849	-121	850	-2311	-84	-6987	0	-741	-132	-738	-6990	*	0	6651	650	1658	0	0	92
92	-2368	1207	903	-418	917	-2381	-86	-7105	0	-639	-408	-608	-7136	*	0	6451	670	1707	0	0	93
93	-2358	1152	962	-319	970	-2366	-87	-6961	0	-368	-335	-351	-6978	*	0	6408	666	1697	0	0	94
94	-2544	1162	1034	-485	1051	-2460	-85	-7152	0	-252	-500	-216	-7188	*	0	7082	692	1764	0	0	95
95	-2544	1113	1197	-215	1200	-2547	-84	-7240	0	205	-205	211	-7246	*	0	7354	719	1832	0	0	96
96	-2597	1113	1250	-275	1255	-2602	-84	-7352	0	294	-254	303	-7361	*	0	7517	735	1873	0	0	97
97	-2532	1006	1314	28	1314	-2532	-84	-6995	0	657	48	657	-6995	*	0	7346	714	1831	0	0	98
98	-2535	1028	1290	60	1291	-2535	-84	-7053	0	546	81	547	-7054	*	0	7343	718	1831	0	0	99
99	-2511	948	1363	595	1363	-2534	-85	-6843	0	843	622	893	-6893	*	0	7360	722	1840	0	0	100
100	-2408	956	1250	567	1272	-2430	-85	-6642	0	588	589	636	-6710	*	0	7049	689	1754	0	0	101
101	-2218	830	1212	430	1262	-2267	-83	-6023	0	741	845	844	-6126	*	0	6613	647	1649	0	0	102
102	-2108	854	1068	722	1104	-2148	-83	-5868	0	424	734	513	-5952	*	0	6225	609	1553	0	0	103
103	-1925	794	963	1118	1067	-2029	-74	-5374	0	337	1132	554	-5590	*	0	5487	574	1469	0	0	104
104	-1765	799	796	741	848	-1817	-81	-4649	0	-11	749	97	-5181	*	0	5231	511	1307	0	0	105
105	-1651	723	776	721	824	-1703	-81	-4449	0	117	727	225	-4796	*	0	4913	480	1224	0	0	106
106	-1572	733	644	292	693	-1582	-86	-4559	0	-91	294	-71	-4574	*	0	4543	444	1136	0	0	107
107	-1463	735	572	309	583	-1474	-85	-4348	0	-330	312	-306	-4373	*	0	4228	413	1058	0	0	108
108	-2247	1133	872	-149	873	-2249	-84	-6720	0	-552	-160	-548	-6724	*	0	6467	632	1612	0	0	109
109	-2256	1119	871	-132	879	-2257	-84	-6666	0	-504	-144	-500	-6669	*	0	6434	629	1604	0	0	110
110	-2274	1120	915	-338	924	-2283	-86	-6742	0	-432	-354	-411	-6763	*	0	6566	642	1637	0	0	111
111	-2346	1106	1005	-260	1010	-2351	-87	-6847	0	-196	-271	-185	-6858	*	0	6767	662	1646	0	0	112
112	-2423	1112	1074	-422	1087	-2435	-86	-7012	0	-74	-434	-47	-7039	*	0	7016	686	1748	0	0	113
113	-2378	1032	1129	-262	1134	-2383	-87	-6748	0	228	-266	238	-6758	*	0	6840	673	1715	0	0	114
114	-2451	1079	1143	-243	1147	-2455	-84	-7001	0	133	-239	141	-7009	*	0	7041	692	1765	0	0	115
115	-2500	1015	1271	44	1272	-2500	-89	-6959	0	534	61	534	-6959	*	0	7244	708	1805	0	0	116
116	-2496	1025	1253	62	1253	-2496	-84	-6974	0	466	80	466	-6974	*	0	7223	706	1801	0	0	117
117	-2384	931	1257	295	1263	-2390	-87	-6556	0	678	310	692	-6569	*	0	6941	679	1730	0	0	118
118	-2312	947	1140	307	1146	-2318	-87	-6497	0	348	320	363	-6512	*	0	6701	655	1671	0	0	119
119	-2230	893	1148	730	1187	-2269	-83	-6183	0	515	747	597	-6265	*	0	6544	644	1642	0	0	120
120	-2122	907	1022	615	1051	-2152	-84	-6002	0	225	627	288	-6065	*	0	6214	604	1550	0	0	121
121	-1972	817	982	676	1021	-1982	-83	-5515	0	346	686	425	-5594	*	0	5818	569	1451	0	0	122
122	-1885	850	854	640	875	-1906	-84	-5416	0	11	489	55	-5459	*	0	5487	536	1370	0	0	123
123	-1757	821	761	640	801	-1797	-84	-5106	0	-124	647	-41	-5189	*	0	5168	505	1291	0	0	124
124	-1643	826	679	228	685	-1688	-87	-4973	0	-303	230	-292	-4984	*	0	4845	474	1211	0	0	125
125	-1677	791	719	175	722	-1680	-87	-4802	0	-136	177	-130	-4884	*	0	4824	472	1206	0	0	126
126	-2231	1060	946	-78	947	-2232	-89	-6533	0	-233	-82	-232	-6535	*	0	6421	628	1601	0	0	127
127	-2179	1059	894	-49	894	-2180	-89	-6431	0	-345	-92	-343	-6433	*	0	6268	613	1563	0	0	128

133	-2263	1085	946	-289	953	-2269	47	-6651	0	-296	-303	-282	-6665	0	6529	634	1627	0	0	133
134	-2237	1031	987	-215	991	-2241	47	-6481	0	-43	-327	-75	-6489	0	6451	631	1604	0	0	134
139	-2383	1069	1087	-292	1093	-2369	47	-6850	0	0	-301	-47	-6863	0	6887	673	1716	0	0	139
140	-2244	1036	987	-257	992	-2268	47	-6507	0	-97	-266	-86	-6514	0	6476	633	1614	0	0	140
145	-2397	1007	1177	-143	1174	-2399	48	-6749	0	350	-142	353	-6752	0	6935	678	1728	0	0	145
146	-2361	1051	1087	-246	1091	-2366	47	-6766	0	81	-246	90	-6775	0	6820	667	1700	0	0	146
152	-2246	983	1094	261	1100	-2291	47	-6400	0	223	274	235	-6491	0	6612	646	1649	0	0	152
153	-2378	986	1183	227	1186	-2381	48	-6664	0	397	240	405	-6676	0	6884	674	1717	0	0	153
154	-2378	991	1177	-9	1177	-2378	49	-6669	0	596	-0	396	-6669	0	6876	672	1714	0	0	154
162	-1745	846	719	169	721	-1748	47	-5133	0	-257	171	-251	-5139	0	5014	491	1254	0	0	162
163	-1797	840	729	153	732	-1799	48	-5104	0	-309	154	-304	-5112	0	5167	505	1291	0	0	163
164	-1831	825	831	411	847	-1847	45	-5258	0	-18	413	50	-5290	0	5316	520	1328	0	0	164
165	-1931	810	827	308	836	-1939	48	-5633	0	-169	313	-151	-5650	0	5576	545	1392	0	0	165
166	-1948	864	950	594	980	-2027	48	-5667	0	176	605	238	-5729	0	5852	572	1460	0	0	166
167	-2130	971	953	354	963	-2141	46	-6154	0	-45	362	-23	-6175	0	6163	603	1537	0	0	167
168	-2159	879	1094	401	1107	-2171	46	-6009	0	452	412	478	-6035	0	6289	615	1568	0	0	168
129	-2179	1017	945	-89	946	-2180	49	-6344	0	-151	-92	-149	-6346	0	6272	613	1564	0	0	129
130	-2135	994	929	-70	930	-2136	49	-6211	0	-133	-75	-132	-6212	0	6146	601	1533	0	0	130
131	-2135	968	962	-13	962	-2135	49	-6156	0	-12	-14	-12	-6156	0	6150	601	1533	0	0	131
132	-2025	925	903	-37	903	-2025	49	-5850	0	-43	-37	-43	-5850	0	5828	570	1454	0	0	132
135	-2237	1019	1002	-184	1004	-2240	48	-6458	0	-33	-193	-27	-6464	0	6451	631	1608	0	0	135
136	-2149	1005	929	-169	932	-2151	48	-6262	0	-159	-177	-154	-6267	0	6191	605	1544	0	0	136
137	-2149	979	962	-112	963	-2150	48	-6207	0	-38	-116	-36	-6210	0	6192	605	1544	0	0	137
138	-2072	934	940	-75	940	-2072	49	-5959	0	17	-79	-18	-5960	0	5970	584	1489	0	0	138
141	-2244	1024	1002	-225	1006	-2248	47	-6485	0	-47	-232	-18	-6493	0	6474	633	1614	0	0	141
142	-2200	992	997	-197	1000	-2203	48	-6328	0	12	-205	18	-6337	0	6347	621	1582	0	0	142
143	-2200	990	1000	-116	1001	-2203	48	-6328	0	20	-121	22	-6330	0	6341	620	1581	0	0	143
144	-2113	967	940	-107	941	-2114	48	-6111	0	-57	-110	-55	-6113	0	6086	595	1517	0	0	144
147	-2300	996	1092	-202	1095	-2303	48	-6531	0	205	-208	211	-6538	0	6646	650	1657	0	0	147
148	-2302	1032	1051	-222	1055	-2306	48	-6614	0	37	-230	45	-6622	0	6645	650	1656	0	0	148
149	-2217	1006	997	-205	1000	-2220	48	-6393	0	-18	-212	-11	-6400	0	6394	625	1594	0	0	149
150	-2217	1004	1000	-123	1001	-2218	48	-6390	0	-10	-127	-7	-6392	0	6389	625	1593	0	0	150
151	-2195	980	1007	-98	1008	-2196	49	-6296	0	59	-101	60	-6298	0	6328	619	1577	0	0	151
155	-2344	1009	1121	-8	1121	-2344	49	-6653	0	222	14	222	-6653	0	6767	662	1687	0	0	155
156	-2344	1027	1099	-40	1099	-2345	49	-6689	0	142	-87	143	-6690	0	6763	661	1686	0	0	156
157	-2297	995	1092	-131	1093	-2299	48	-6522	0	211	-129	214	-6525	0	6653	649	1654	0	0	157
158	-2260	998	1051	-137	1053	-2262	48	-6459	0	116	-138	119	-6462	0	6523	638	1626	0	0	158
159	-2297	1024	1056	-107	1057	-2298	49	-6589	0	64	-107	66	-6591	0	6624	648	1651	0	0	159
160	-2260	1016	1029	-77	1030	-2261	49	-6499	0	27	-79	28	-6500	0	6515	637	1624	0	0	160
161	-2239	1016	1007	-80	1007	-2239	49	-6459	0	-20	-83	-19	-6460	0	6450	631	1608	0	0	161
164	-2253	1036	996	206	999	-2257	48	-6536	0	-103	214	96	-6543	0	6495	635	1620	0	0	164
170	-2253	935	1121	208	1124	-2257	48	-6307	0	399	224	406	-6314	0	6527	638	1627	0	0	170
178	-1824	903	729	136	731	-1826	48	-5409	0	-357	138	-353	-5413	0	5245	513	1310	0	0	178
179	-1850	887	775	137	777	-1852	48	-5420	0	-217	140	-213	-5423	0	5320	520	1329	0	0	179
180	-1953	928	827	316	836	-1952	48	-5715	0	-211	321	-192	-5734	0	5640	551	1407	0	0	180
181	-1972	917	860	322	865	-1977	48	-5726	0	-111	254	-99	-5737	0	5688	556	1419	0	0	181
182	-2048	936	953	322	961	-2047	48	-5997	0	33	329	51	-6015	0	6041	591	1506	0	0	182
183	-2084	902	996	303	1003	-2096	47	-5919	0	204	312	220	-5935	0	6044	591	1508	0	0	183
171	-2284	1030	1034	105	1035	-2284	49	-6380	0	-6	113	-4	-6382	0	6540	643	1640	0	0	171
172	-2277	972	1099	46	1099	-2277	49	-6435	0	270	56	271	-6435	0	6575	643	1639	0	0	172
173	-2262	1010	1037	14	1038	-2262	49	-6494	0	50	20	50	-6494	0	6519	637	1625	0	0	173
174	-2262	1015	1032	-33	1032	-2262	49	-6502	0	31	-31	31	-6502	0	6514	637	1625	0	0	174
175	-2269	1001	1056	-52	1056	-2269	49	-6483	0	114	-49	119	-6483	0	6544	640	1631	0	0	175
176	-2269	1023	1029	-26	1029	-2269	49	-6530	0	14	-25	14	-6530	0	6537	639	1630	0	0	176
177	-2286	1028	1040	-36	1040	-2286	49	-6575	0	25	-36	25	-6575	0	6588	644	1642	0	0	177
184	-2168	1033	914	137	916	-2169	48	-6358	0	-258	144	-254	-6362	0	6238	610	1556	0	0	184
185	-2178	944	1034	170	1036	-2180	48	-6183	0	195	179	200	-6188	0	6291	615	1569	0	0	185
186	-2211	1016	978	76	978	-2211	49	-6405	0	-84	82	-83	-6406	0	6365	622	1587	0	0	186
187	-2227	982	1037	79	1038	-2228	49	-6362	0	118	84	119	-6363	0	6424	628	1602	0	0	187
188	-2242	1012	1015	15	1015	-2242	49	-6457	0	3	19	3	-6457	0	6454	631	1610	0	0	188
189	-2250	1005	1032	13	1032	-2250	49	-6458	0	54	18	54	-6458	0	6485	634	1617	0	0	189
190	-2257	1027	1011	-26	1011	-2257	49	-6519	0	-37	-27	-37	-6519	0	6500	634	1621	0	0	190
191	-2297	1037	1040	-0	1040	-2297	49	-6614	0	7	0	7	-6614	0	6618	647	1650	0	0	191
192	-1883	959	719	4	719	-1883	49	-5636	0	-481	4	-481	-5636	0	5412	529	1351	0	0	192
193	-1944	964	775	67	776	-1945	49	-5772	0	-388	69	-387	-5773	0	5589	546	1395	0	0	193
194	-1944	959	782	49	782	-1944	49	-5755	0	-349	51	-349	-5755	0	5589	546	1395	0	0	194

195	-2036	470	460	148	462	-2038	-88	-5867	0	-227	152	-223	-5971	*	0	5462	573	1462	0	0	195
196	-2039	914	168	917	917	-2042	-88	-5880	0	-19	175	-14	-5885	*	0	5478	575	1466	0	0	196
197	-2111	1045	845	49	846	-2112	89	-6265	0	-410	46	-46	-6266	*	0	6071	594	1514	0	0	197
198	-2157	972	98	979	979	-2157	89	-6204	0	15	106	17	-6206	*	0	6215	608	1550	0	0	198
199	-2191	1014	962	41	962	-2191	89	-6356	0	-102	38	-102	-6356	*	0	6306	617	1572	0	0	199
200	-2232	1004	1015	49	1015	-2232	89	-6419	0	23	55	23	-6420	*	0	6432	629	1604	0	0	200
201	-2235	1010	1011	25	1011	-2235	89	-6436	0	6	26	6	-6436	*	0	6439	630	1606	0	0	201
202	-2258	1039	998	20	998	-2258	89	-6544	0	-87	16	-87	-6544	*	0	6501	634	1621	0	0	202
203	-1886	962	719	4	719	-1887	89	-5851	0	-888	4	-888	-5851	*	0	5823	530	1553	0	0	203
204	-1894	1014	662	-49	662	-1898	89	-5786	0	-714	46	-714	-5787	*	0	5465	534	1563	0	0	204
205	-1898	1015	667	-111	668	-1899	89	-5788	0	-697	108	-695	-5781	*	0	5466	534	1564	0	0	205
206	-1998	1002	782	-23	782	-1998	89	-5955	0	-848	18	-847	-5955	*	0	5748	562	1632	0	0	206
207	-1998	951	845	-42	846	-1998	89	-5842	0	-199	38	-199	-5842	*	0	5745	562	1633	0	0	207
208	-2074	1078	766	-215	770	-2078	87	-6259	0	-634	207	-626	-6267	*	0	5978	584	1491	0	0	208
209	-2074	1027	829	-296	836	-2081	87	-6152	0	-396	195	-381	-6167	*	0	5985	585	1492	0	0	209
210	-2230	1046	962	-124	963	-2231	88	-6500	0	-171	125	-169	-6502	*	0	6419	628	1601	0	0	210
211	-2230	1016	998	-80	999	-2230	89	-6436	0	-29	76	-28	-6436	*	0	6422	628	1601	0	0	211
212	-2341	1038	1083	-205	1086	-2344	88	-6647	0	101	205	107	-6703	*	0	6757	661	1685	0	0	212
213	-1836	988	662	-13	662	-1836	89	-5560	0	-605	13	-605	-5560	*	0	5283	516	1318	0	0	213
214	-1849	1028	602	-74	603	-1849	89	-5541	0	-850	75	-849	-5711	*	0	5338	522	1331	0	0	214
215	-1849	968	667	-136	669	-1842	88	-5568	0	-595	134	-591	-5572	*	0	5301	518	1322	0	0	215
216	-1888	1053	611	-250	618	-1894	87	-5837	0	-883	243	-871	-5849	*	0	5466	534	1363	0	0	216
217	-1928	959	766	-212	770	-1932	87	-5719	0	-368	207	-360	-5727	*	0	5555	543	1386	0	0	217
218	-2023	1059	739	-461	758	-2043	85	-6117	0	-637	207	-637	-6154	*	0	5877	575	1465	0	0	218
219	-2117	1062	829	-359	840	-2128	86	-6308	0	-469	356	-467	-6330	*	0	6119	598	1526	0	0	219
220	-2191	1127	824	-731	868	-2235	83	-6585	0	-611	729	-623	-6673	*	0	6427	628	1603	0	0	220
221	-2584	1237	1083	-447	1097	-2598	86	-7588	0	-324	449	-397	-7615	*	0	7471	731	1863	0	0	221
222	-1756	988	558	-77	559	-1756	89	-5842	0	-850	76	-849	-5843	*	0	5072	496	1265	0	0	222
223	-1803	990	602	-74	603	-1804	89	-5541	0	-769	76	-768	-5542	*	0	5200	508	1297	0	0	223
224	-1803	983	611	-199	615	-1807	87	-5525	0	-732	197	-724	-5533	*	0	5208	509	1299	0	0	224
225	-1788	1018	553	-242	560	-1794	87	-5567	0	-922	235	-910	-5579	*	0	5184	507	1293	0	0	225
226	-1788	1026	544	-657	589	-1833	82	-5582	0	-952	235	-947	-5671	*	0	5292	517	1320	0	0	226
227	-2048	1080	739	-591	770	-2079	83	-6205	0	-677	587	-616	-6267	*	0	5983	585	1492	0	0	227
228	-2048	1011	824	-806	879	-2104	82	-6052	0	-350	814	-236	-6166	*	0	6051	592	1509	0	0	228
229	-2621	1056	852	-1550	979	-2747	79	-8110	0	-1253	1333	-1003	-8361	*	0	7907	773	1972	0	0	229
230	-1714	953	558	-77	559	-1714	89	-5388	0	-776	76	-775	-5289	*	0	4907	484	1234	0	0	230
231	-1724	990	523	-122	525	-1726	88	-5386	0	-932	121	-929	-5390	*	0	4990	488	1244	0	0	231
232	-1724	992	520	-127	522	-1726	88	-5391	0	-923	126	-939	-5395	*	0	4991	488	1245	0	0	232
233	-1676	926	553	-208	558	-1680	87	-5156	0	-826	206	-817	-5165	*	0	4847	474	1209	0	0	233
234	-1676	934	544	-622	587	-1718	82	-5170	0	-756	617	-671	-5255	*	0	4953	484	1235	0	0	234
235	-1889	1043	561	-817	629	-1955	80	-5923	0	-1068	804	-938	-6053	*	0	5643	552	1407	0	0	235
236	-1889	958	852	-1130	964	-2001	78	-5910	0	54	1128	-278	-5634	*	0	5778	565	1441	0	0	236
237	-2323	1023	594	-1809	852	-2581	74	-7458	0	-1711	1786	-1201	-7968	*	0	7440	728	1855	0	0	237
238	-1613	921	496	-224	502	-1619	87	-5029	0	-851	219	-800	-5041	*	0	4678	457	1167	0	0	238
239	-1722	988	523	-109	525	-1724	88	-5380	0	-929	109	-926	-5383	*	0	4984	487	1243	0	0	239
240	-1722	991	520	-114	522	-1724	88	-5385	0	-939	115	-936	-5388	*	0	4986	487	1243	0	0	240
241	-1497	836	483	137	486	-1500	88	-4633	0	-707	112	-704	-4637	*	0	4328	423	1079	0	0	241
242	-1497	661	697	-1079	823	-1623	77	-4265	0	110	1063	354	-4510	*	0	4698	459	1172	0	0	242
243	-1704	902	563	-712	617	-1759	81	-5201	0	-737	714	-627	-5351	*	0	5067	495	1263	0	0	243
244	-1704	925	582	-1209	732	-1855	76	-5227	0	-695	1193	-401	-5522	*	0	5333	521	1330	0	0	244
245	-1536	779	594	-1430	612	-1754	73	-4561	0	-311	1424	121	-4994	*	0	5056	494	1261	0	0	245
246	-1770	1241	261	-2240	757	-2266	66	-6013	0	-2014	2202	-1039	-6988	*	0	6530	639	1629	0	0	246
247	-1463	797	496	-224	502	-1469	86	-4982	0	-594	218	-582	-4495	*	0	4234	414	1056	0	0	247
248	-1340	552	671	68	672	-1341	89	-3742	0	258	60	259	-3743	*	0	3879	379	967	0	0	248
249	-1340	606	606	-613	653	-1367	81	-3855	0	11	604	105	-3947	*	0	4001	391	998	0	0	249
250	-1340	606	606	-613	653	-1367	81	-3855	0	13	604	105	-3947	*	0	4001	391	998	0	0	250
251	-2094	1149	697	-788	752	-2148	82	-6458	0	-956	777	-848	-6565	*	0	6185	605	1542	0	0	251
252	-1653	829	687	-277	703	-1661	86	-4925	0	-470	287	-352	-4943	*	0	4777	467	1191	0	0	252
253	-1653	883	582	-1067	703	-1774	77	-5036	0	-603	1053	-366	-5274	*	0	5100	499	1272	0	0	253
254	-1039	685	608	-778	680	-1510	79	-4203	0	-144	780	0	-4348	*	0	4399	425	1084	0	0	254
255	-1439	746	533	-1232	710	-1615	73	-4338	0	-437	1224	-84	-4690	*	0	4649	454	1159	0	0	255
256	-860	496	261	-1737	734	-1333	61	-2670	0	-399	1720	526	-3596	*	0	3886	380	969	0	0	256
257	-775	537	124	-1228	435	-1087	63	-2606	0	-827	1217	-209	-1224	*	0	3125	305	779	0	0	257
258	-1538	714	671	-71	672	-1538	89	-4470	0	-92	70	-91	-4471	*	0	4426	433	1104	0	0	258
259	-1638	698	791	-100	792	-1638	88	-4634	0	182	99	184	-4636	*	0	4731	462	1180	0	0	259
260	-1526	758	606	-619	650	-1571	82	-4545	0	-320	602	-235	-4629	*	0	4516	441	1126	0	0	260



261	-1389	584	681	-345	695	-1403	85	-5910	0	197	-341	226	-5938	0	4056	396	1011	0	0	261
262	-1417	635	647	-278	657	-1426	86	-4062	0	41	-275	59	-4081	0	4111	402	1025	0	0	262
263	-1521	752	608	-808	682	-1595	79	-4523	0	-301	-790	-158	-4666	0	4589	449	1144	0	0	263
264	-1357	556	652	-569	642	-1367	81	-3733	0	194	-566	274	-3813	0	3957	387	987	0	0	264
265	-1327	654	553	-1218	715	-1504	73	-4938	0	-243	-1200	112	-4294	0	4351	425	1085	0	0	265
266	-982	402	496	-817	601	-1087	75	-2728	0	201	-819	414	-2942	0	3169	310	790	0	0	266
267	-732	501	124	-1292	470	-1079	61	-2464	0	-755	-1273	-77	-3143	0	3105	303	774	0	0	267
268	-318	54	251	-765	443	-511	63	-712	0	424	-759	404	-1092	0	1449	161	411	0	0	268
269	-318	194	63	-352	149	-385	69	-1015	0	-224	-352	-90	-1149	0	1107	108	276	0	0	269
270	-1521	602	791	-196	786	-1525	87	-4204	0	382	-194	390	-4216	0	4471	437	1115	0	0	270
271	-1539	630	774	-231	780	-1545	87	-4308	0	275	-275	287	-4320	0	4004	391	998	0	0	271
272	-1354	555	681	-484	709	-1582	83	-3780	0	259	-481	316	-3836	0	4004	391	998	0	0	272
273	-1401	618	650	-581	691	-1442	82	-4016	0	42	-578	123	-4097	0	4160	407	1037	0	0	273
274	-1200	453	652	-784	732	-1280	78	-3267	0	419	-776	576	-3424	0	3745	366	934	0	0	274
275	-1200	499	594	-824	684	-1290	77	-3375	0	181	-817	360	-3554	0	3748	366	934	0	0	275
276	-916	347	496	-844	612	-1032	74	-2502	0	510	-830	537	-2729	0	3053	296	756	0	0	276
277	-823	470	251	-977	440	-1012	68	-2588	0	-463	-959	-94	-2958	0	2912	284	726	0	0	277
278	-399	161	205	-362	255	-449	74	-1095	0	104	-366	207	-1198	0	1514	128	327	0	0	278
279	-286	167	83	-367	159	-361	67	-904	0	-161	-358	-16	-1049	0	1041	101	259	0	0	279
280	-142	48	83	-240	135	-194	66	-373	0	78	-237	180	-474	0	586	57	146	0	0	280
281	-1425	537	774	-214	780	-1430	87	-3890	0	474	-210	484	-3900	0	4164	407	1038	0	0	281
282	-1355	520	725	-194	729	-1360	87	-3721	0	403	-193	412	-3730	0	3953	386	986	0	0	282
283	-1355	525	718	-481	746	-1383	83	-3733	0	377	-479	432	-3788	0	4022	393	1003	0	0	283
284	-1184	441	650	-584	696	-1230	81	-3218	0	426	-517	515	-3508	0	3593	351	896	0	0	284
285	-1184	486	594	-824	685	-1275	77	-3321	0	208	-811	386	-3499	0	3707	362	924	0	0	285
286	-877	339	465	-605	539	-950	77	-2406	0	171	-634	404	-2553	0	2777	271	692	0	0	286
287	-877	357	443	-397	472	-906	81	-2446	0	171	-354	230	-2505	0	2628	257	655	0	0	287
288	-557	290	205	-478	274	-626	73	-1684	0	-176	-472	-40	-1820	0	1800	176	449	0	0	288
289	-1291	487	700	-130	702	-1293	88	-3530	0	417	-130	421	-3534	0	3765	368	938	0	0	289
290	-1277	455	725	-169	728	-1281	87	-3435	0	538	-166	545	-3442	0	3745	366	934	0	0	290
291	-1277	461	718	-457	744	-1303	83	-3448	0	511	-452	562	-3499	0	3811	372	950	0	0	291
292	-1133	433	608	-422	633	-1158	83	-3105	0	347	-421	397	-3156	0	3373	330	841	0	0	292
293	-1133	462	572	-481	606	-1166	82	-3165	0	215	-439	282	-3232	0	3382	330	843	0	0	293
294	-943	394	465	-563	520	-998	79	-2653	0	142	-557	250	-2761	0	2894	283	722	0	0	294
295	-943	412	443	-515	461	-961	83	-2693	0	56	-309	91	-2728	0	2774	271	692	0	0	295
296	-851	355	420	-246	432	-863	84	-2390	0	134	-244	157	-2414	0	2496	244	622	0	0	296
297	-1220	429	700	-130	702	-1222	88	-3269	0	539	-130	544	-3274	0	3577	350	892	0	0	297
298	-1182	427	664	-129	666	-1185	87	-3194	0	467	-129	472	-3199	0	3459	338	862	0	0	298
299	-1182	449	638	-257	647	-1191	85	-3238	0	371	-255	389	-3256	0	3467	339	864	0	0	299
300	-1117	420	608	-293	620	-1129	85	-3047	0	375	-289	399	-3072	0	3290	321	820	0	0	300
301	-1117	449	572	-352	591	-1155	84	-3107	0	243	-347	279	-3143	0	3292	322	821	0	0	301
302	-1026	409	530	-503	545	-1041	84	-2846	0	243	-301	272	-2875	0	3021	295	753	0	0	302
303	-1026	442	490	-180	496	-1032	86	-2812	0	98	-179	108	-2922	0	2978	291	743	0	0	303
304	-965	448	420	-172	426	-970	86	-2806	0	61	-171	51	-2817	0	2791	273	696	0	0	304
305	-1185	380	724	-55	724	-1186	89	-3107	0	681	-54	681	-3107	0	3499	342	872	0	0	305
306	-1148	399	664	-33	664	-1148	89	-3068	0	526	-33	526	-3068	0	3363	329	838	0	0	306
307	-1148	421	638	-161	641	-1151	87	-3112	0	430	-159	437	-3119	0	3359	328	837	0	0	307
308	-1117	394	659	-129	642	-1119	87	-2996	0	487	-128	492	-3001	0	3275	320	817	0	0	308
309	-1117	454	567	-136	564	-1120	87	-3116	0	223	-135	228	-3121	0	3242	317	808	0	0	309
310	-1060	436	530	-157	534	-1064	87	-2968	0	185	-156	193	-2976	0	3077	301	767	0	0	310
311	-1060	469	490	-34	491	-1060	89	-3034	0	40	-34	40	-3034	0	3055	298	762	0	0	311
312	-1053	468	485	-33	485	-1054	89	-3020	0	32	-32	33	-3020	0	3037	297	757	0	0	312